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ABSTRACT

After a general outline of the organization of the International Association for the Exchange of Students for Technical Experience and a brief introduction to its functions and activities, this annual report contains the international report. This includes: the report of the General Secretary; a list of international visits and visitors; publicity activities; a training balance sheet listing the excess of students received over the number sent abroad (or excess sent over those received) for each member country; a chart of the numbers of students sent and received by each country in 1950, 1970, 1977, 1978, and 1979; a listing of study fields of participating students; participating organizations (numbers per country); and a chart of specifics (dates, numbers, and costs) for 1980 programs in participating countries. Individual reports of these member countries are also included: Argentina, Australia, Austria, Belgium, Brazil, Canada, Colombia, Czechoslovakia, Denmark, Egypt, Finland, France, Federal Republic of Germany, Ghana, Greece, Guyana, Iceland, India, Iran, Iraq, Ireland, Israel, Italy, Japan, Jordan, Korea, Lebanon, Libya, Luxembourg, Netherlands, Nigeria, Norway, Philippines, Portugal, Poland, South Africa, Spain, Sudan, Sweden, Switzerland, Syria, Thailand, Tunisia, Turkey, United Kingdom, United States, and Yugoslavia. Appended are the IAESTE statutes and addresses of the national secretaries. (MSE)

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THE INTERNATIONAL ASSOCIATION FOR THE EXCHANGE OF STUDENTS FOR TECHNICAL EXPERIENCE (IAESTE)

32nd

Annual Report

1979

The International Association

for the Exchange of Students

for Technical Experience

IAESTE

Founded 1948 on the

initiative of James Newby

(1893—1978)

Published by the International Association for the Exchange of Students for Technical Experience, Rämistrasse 101, 8092 Zürich, Switzerland.

Edited by the General Secretary of IAESTE.

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International Organisation

General Conference — Delegates representing National Committees of 35 full and 9 associate member countries and 3 cooperating institutions; meeting in January, every second year.

Exchange Conference — attended by Secretaries and Assistants of National Committees and Cooperating Institutions; meeting in January.

Advisory Committee — Three members elected in alternate years for a period of three years:

1977—1980:
Mr. P. O'Neill
IAESTE Ireland
Engineering School
University College
Upper Merrion Street
Dublin 2, Ireland

1978—1981:
Mr. R. M. Sprinkle
IAESTE US Inc.
American City Building
Columbia, Maryland 21044, USA

1979—1982:
Prof. Dr. E. Göksu
IAESTE Turkey
Teknik Üniversite
Istanbul, Turkey

General Secretary (Headquarters of the Association)

until January 1980:
— Mr. K. Köchle
The International Association for the Exchange of Students for Technical Experience
Râmistrasse 101
8092 Zürich, Switzerland
Tel. 32 62 11

from February 1980:
Mr. G. Anemoyannis
National Technical University
42, Patission St.
Athens, Greece

Local Representative of the General Secretary to the United Nations and to the Organisation of American States — Mr. R. M. Sprinkle
IAESTE US Inc.
American City Building
Columbia, Maryland 21044, USA

Member Countries

Full Members:

Argentina — Comité Argentino del IAESTE (1961) *
Australia — IAESTE Australia (1972)
Austria — Österreichisches Komitee für Internationalen Studienaustausch (1949)
Belgium — Comité Belge de l'IAESTE (1948 Founding Member)
Canada — IAESTE (Canada) (1953)
Czechoslovakia — Odborové združenie SZM vysokých škôl technických, NV IAESTE/CS (1965)
Denmark — IAESTE Denmark, Polyteknisk Forening (1948 Founding Member)
Egypt — Egypt's IAESTE Committee (1961)
Finland — IAESTE Finland (1948 Founding Member)
France — Comité Français de l'IAESTE (1948 Founding Member)
Germany (F. R.) — Deutsches Komitee der IAESTE im Deutschen Akademischen Austauschdienst (1950)
Ghana — IAESTE Ghana (1970)
Greece — National Technical University of Athens (1958)
India — Indian National Committee (1955)
Iraq — IAESTE Iraq National Committee (1974)
Ireland — IAESTE Ireland (1962)
Israel — Israel IAESTE Committee (1951)
Italy — IAESTE Italy (1951)
Japan — The Japanese National Committee for IAESTE (IAESTE Japan) (1964)
Korea (Republic of) — IAESTE Korea (1970)
Lebanon — Lebanese IAESTE Committee (1966)
Luxembourg — Comité Luxembourgeois pour l'Organisation de Stages Industriels (1961)
Netherlands — Commissie IAESTE Nederland (1948 Founding Member)
Norway — IAESTE-Norge, Praktikantutvekslingen med utlandet (1948 Founding Member)
Poland — Polski Komitet IAESTE (1959)
Portugal — Commissão Portuguesa da IAESTE (1954)
Republic of South Africa — The National IAESTE Committee of South Africa (1956)
Spain — Comité Español para Intercambio de Estudiantes Técnicos — IAESTE (1951)
Sweden — Swedish IAESTE Committee (1948 Founding Member)
Switzerland — Schweizerisches Nationalkomitee der IAESTE (1948 Founding Member)
Syria — Syrian IAESTE Committee (1965)
Turkey — Turkish National Committee of IAESTE (1955)
United Kingdom — IAESTE (UK) (1948 Founding Member)
U.S.A. — IAESTE/US, Inc. (1950)
Yugoslavia — Jugoslovenski odbor za medjunarodnu razmenu studenata za stručnu praksu (IAESTE) (1952)

Associate Members:

Colombia — Comité Colombiano de Intercambio de Estudiantes en Materias técnicas, IAESTE, auspiciado por ICETEX (1964)
Iceland — IAESTE Iceland (1951)
Iran — National Institute for Cultural Services (1965)
Jordan — IAESTE Jordan (1978)
Libya — IAESTE Libya (1976)
Nigeria — Nigeria IAESTE Committee (1976)
Philippines — IAESTE Philippines National Committee (1976)
Sudan — Sudan National IAESTE Committee (1964)
Tunisia — IAESTE Tunisia (1959)

Cooperating Institutions:

Brazil — Faculdade de Engenharia Industrial, São Bernardo do Campo (1976)
Guyana — University of Guyana, Georgetown (1978)
Thailand — King Mongkut's Institute of Technology, Bangkok (1978)

* year of joining

Brief Introduction to IAESTE

Aims and History

IAESTE is a non-political, independent, non-governmental organisation having consultative relationship with the United Nations Economic and Social Council, with UNESCO, with the United Nations Industrial Development Organisation, with the International Labour Office and with the Organisation of American States. IAESTE is also in contact with FAO, the Colombo Plan Bureau and many other international non-governmental organisations.

The aims of the Association are

to provide students at institutions of higher education with technical experience abroad relative to their studies in the broadest sense;

to promote international understanding and goodwill amongst the students of all nations.

The Association was founded in January 1948 at Imperial College, London, on the initiative of the Imperial College Vacation Work Committee. National organisations of 10 European countries represented at this meeting became members of the new association. Mr. James Newby was elected General Secretary. During the first year already 920 students were exchanged to spend a period of training during their summer vacations in various industries abroad. Since 1948 about 170 000 students have been exchanged.

International Organisation

The Association is composed of national committees, representing academic, industrial, and students' spheres of interest, which are responsible for the organisation of the exchange in their own countries. Membership is given after the establishment of a national committee in accordance with the statutes of IAESTE, together with a responsible, permanent secretariate. New countries are accepted as associate members, without voting rights. After a period of successful activity over at least 3 years, associate members may be promoted to full members.

Delegates of national committees of all member countries represent the General Conference as the only policy making body of IAESTE, which meets every second year. The General Conference elects a General Secretary who is in charge of all international affairs of the Association. Together with three elected members he forms the Advisory Committee, which makes recommendations for consideration by the General Conference. The office of the General Secretary represents the headquarters of the Association. Working language of the Association is the English language.

The General Conference normally meets for one week in January every second year to take decisions or make recommendations on important questions related to this programme. It is one of the basic principles of IAESTE that the General Conference takes decisions only in matters where a common policy is necessary. In all other matters it merely gives recommendations thus leaving as much freedom and initiative as possible to national committees. During the General Conference and in the years between, during an Exchange Conference, the secretaries meet to arrange for the exchange of offers for the student exchange.

Principles of the Exchange

Each member country collects offers from industrial and other organisations for receiving students from abroad for a temporary training period, in close connection with the students' fields, as a supplement to the students' university or college education. The offering companies or organisations are expected to grant to students a payment sufficient to enable them to cover their cost of living during the actual training periods.

These offers are exchanged with other member countries on a reciprocal basis, normally during the Annual Conference in January (General Conference or Exchange Conference).

For the offers received from abroad, member countries, through their affiliated universities and colleges, select qualified students among the applicants for a training period abroad.

Receiving countries arrange for necessary permits, lodging, and — in many cases — for social and cultural programmes during or after the training period. Sending countries insure the students against accidents and illness. Students pay their own transportation expenses, sometimes taking benefit of travel facilities arranged through sending countries.

Participants of the Exchange Scheme and Training Periods

IAESTE exchange participation is open to bona fide students following courses at universities, institutes of technology and similar higher institutions. Many countries also exchange students taking full time courses at colleges or technical schools below university level.

The main aim of the Association is to exchange students during their long vacations, i.e. for 8—12 weeks. Bilateral arrangements can be made for longer training periods, i.e. between 3—12 months, which helps to develop long-distance exchanges, or for training periods of the southern hemisphere. For various reasons IAESTE cannot include persons who have not started their studies at institutes of higher education or have left their universities or colleges. However, an exception can be made for students doing their practical training immediately after final examinations. Post-doctorate trainees will normally not be accepted.

Faculties covered by the IAESTE Exchange

IAESTE has been founded to exchange students of all faculties and study courses for which, as a supplement to theoretical education, practical experience in industry and other branches is essential. The majority of industrial offers are made for students of engineering and technology who also represent the greatest part of the applicants for training abroad. Many universities and colleges require, by law or compulsory regulations, a period of training in industry as part of the university or college curriculum; in some other countries and universities a training period is recommended but not necessarily required.

Apart from these fields, many students of science are making use of the possibility of spending a training period abroad. There are also opportunities for students of agriculture, forestry, architecture, industrial design and related fields. Many member countries are making efforts to increase the number of training facilities available for these study fields.

Students of economics, commerce and language also have training possibilities abroad, to a limited extent.

„Technical Experience" in the sense of the aims of the Association does not mean experience restricted to technical study fields. It refers to experience through an on-the-job training to supplement university and college education of all relevant study fields. IAESTE is, therefore, not a faculty organisation but its programme is open to all faculties and study fields.

Administration of the Exchange

Member countries of IAESTE have agreed on an administrative exchange procedure which is uniform in all countries and which, by using international standard forms, is drawn up as simply as possible in order to administer the exchange machinery with greatest efficiency. The exchange during the summer vacations requires adaptation to an administrative calendar which is normally as shown overleaf:

October—December	Collection of offers for foreign students from industries and other organisations in each member country
January	Exchange of offers with other countries during the Annual Conference of IAESTE
February—March	Selection of students for offers from abroad through universities and colleges, and nomination of selected candidates to receiving countries
April—June	Arranging labour permits, lodging, etc. through receiving committees
June—October	Normal season for period training which differs, however, from country to country.

In many countries the administration is flexible enough for handling exchanges during other seasons of the year, or arranging training periods exceeding the normal vacation period.

International Expenses

The Association has always followed a policy of complete international independence, with no affiliation to other international organisations, and with no efforts to obtain funds from other sources to run the scheme. The international budget is kept as low as possible and is carried by membership subscriptions with a basic fee at present of SFr. 200.— to SFr. 600.— per year and of an additional SFr. 9.— for every student sent abroad the previous year.

Expenses in the national sphere are borne by National Committees or by the organisation sponsoring the exchange secretariate.

Construction of National Committees and National Secretariates

Most important for a smooth administration of the exchange and for continuity and progress of the national participation is a suitable organisation which is responsible for the exchange and the activity of the Association in each member country. The international statutes require national committees with representation of the academic, industrial and students' spheres of interest. The differing influence of these spheres in all countries having membership of IAESTE or willing to join the Association, permits, however, the construction of national committees according to the respective national situation. Neither is equal representation of these spheres necessary, nor must a national committee be restricted to this representation. Many national committees have representation of government authorities as well as representatives of other spheres.

The present member committees vary in structure. In many countries the universities have joined together and organised a committee in cooperation with industrial organisations and student bodies. In this case one of the universities is appointed to take care of the administration while receiving financial support from the others. In some countries, industrial organisations and other institutions have taken the initiative and responsibility for setting up central committees for the IAESTE exchange. In others the Ministries of Education have set up independent committees.

National secretariates are in many cases part of an already existing organisation and capable of taking over the administration for this type of international exchange. It may be either an academic organisation, an industrial organisation, or a student organisation with a permanent secretary. The type of the national secretariate which takes over the responsibility of administering the exchange will largely depend on the possibility of financing the national work. A few member countries have even succeeded in setting up an independent national secretariate which obtains assistance from universities, students participating, and from industries.

Among the present 44 member countries of the Association, 23 National Committees are sponsored by academic, 2 by industrial, 9 by students' organisations, 7 by government departments, and 3 are independent organisations.

The Results of the Activity of the Association during the year 1979

Report of the General Secretary

International Development

For the third year in succession, the total number of students exchanged has grown. 4714 students obtained practical training in 43 member countries, an increase of 11.5 % compared with last year. 31 countries reported gains, 13 losses and one remained unchanged.

A large number of traineeships must have been generated after the Exchange Conference in January, for very little progress had been noticeable then. We are grateful to the 2392 employers participating in 1979 for maintaining or renewing their offers. They enable students to put theoretical knowledge into practice and gain first-hand experience of working and living conditions in a foreign country.
Since IAESTE's foundation 32 years ago 177 286 students have been placed for training abroad.

Exchange with Non-Member Countries

IAESTE's activities are continually being made known to countries not yet members of our association. With some of them unofficial exchanges are arranged. In 1979 the following members accepted student trainees from other countries:

Brazil from	Chile	1
Germany from	Ecuador	1
	Paraguay	1
	Saudi Arabia	16
United Kingdom from	Saudi Arabia	2
United States from	Mexico	1
Total		22

Training Periods and Long-Term Exchanges

The number of students placed outside the summer period of the northern hemisphere increased from 106 to 153 this year. 40 trainees were exchanged between December and February (long vacation of southern hemisphere), 58 between September and December, and 27 between February and May (spring vacation). The remainder worked at various seasons, sometimes in connection with sandwich (co-operative) course. Participants from this type of school totalled 93 (Canada 31, United Kingdom 41, United States 21).

With more students travelling to faraway destinations for practice, there is a growing need for long-term training offers. Their number has risen from 182 to 224 this year. 173 students worked abroad for 3—6 months and 51 for 6—12 months.

Sex of Students

In 1979, the share of female students in the exchange was again slightly larger, with 13.9 % against 13.4 % in 1978 (3950 males, 638 females).

Categories of Offers

The repartition of training offers according to the nature of work shows a picture similar to previous years. Professional experience has gained somewhat at the expense of the other two categories:

Category	Number of offers	Percentage
S (Scientific, research, design work)	1487	27.1 %
P (Professional work)	3268	59.6 %
M (Manual and unskilled work)	729	13.3 %
Total	5484	100.0 %

Exchange Conference 1979

75 participants from 39 member countries met in Dublin, Ireland, from 22 to 25 January 1979 to exchange the employers' offers. 4606 offers were available, an increase of 1.6 % over the preceding year.

In a seminar, national IAESTE secretaries and their assistants discussed current administrative questions and informed about new developments in the educational system of their countries. The British delegate invited IAESTE member committees to contribute to the «James Newby Memorial Fund» set up in memory of IAESTE's founder.

The Advisory Committee, which met prior to the Conference, decided to lower the fixed membership fee by SFr. 100.— for each country in 1979. The fee per student sent abroad remained unchanged at SFr. 9.—.

The participants thanked the Irish National IAESTE Committee for hosting the Conference under excellent conditions and for giving friendly and efficient service. They also acknowledged with gratitude the hospitality offered by various sponsors from the Irish government and industry.

Visits

Some national IAESTE secretaries, committee and staff members visited other member countries as shown below:

Sending Member	Name	Receiving Member
Austria	Mr. R. Kratochwill	Greece
Egypt	Prof. Dr. I. A. El-Demirdash	Switzerland United Kingdom
	Prof. Dr. A. E. El-Mehairy	France Germany Netherlands United Kingdom
Germany	Dr. Heinz Hessberger	Canada Switzerland United Kingdom
Iran	Dr. M. Beheshti	Germany
Israel	Mr. E. Yavin	Germany
Japan	Mr. Tetsuo Tomiyama	Germany Netherlands Switzerland
Libya	Dr. Dueb M. Lakhder	Switzerland
Netherlands	Ir. P. J. Corzilius	Poland
Spain	Dr. N. Klingenberg	Egypt
Switzerland	Mr. K. Köchle (General Secretary)	Austria Belgium Czechoslovakia France Luxembourg Netherlands
United States	Mr. Robert M. Sprinkle	Netherlands United Kingdom

Publicity

Many member committees advertised IAESTE's activities in the press and other media of their country. The following are some examples.

Australia
In the «Graduate Careers Newsletter» of July 1979 Australian students and employers were informed about training opportunities offered by IAESTE and their applications and cooperation asked for.

Egypt
On July 13, 1979, EL-AKHBAR DAILY NEWSPAPER published an interview with Professor El-Mehairy, secretary of IAESTE/Egypt, about the IAESTE outgoing students. The international and reciprocal nature of the programme was emphasized. The facilities offered to the selected students from all universities were outlined. Scholastic achievement and/or competence in certain foreign languages count heavily in the selection of students. The article, headlined «If you are a distinguished student, look forward to an IAESTE traineeship in one of 22 countries in Europe and North America», occupied 5 columns (about 1500 words) and included a photograph of an Egyptian student on-the-job in Europe.

France
Articles with information on IAESTE were published in «Guide de l'Etudiant 1978—79», «Les Industries Mécaniques» (a professional journal) and «Arts et Métiers» (a monthly for former students of the Ecole Nationale Supérieure d'Arts et Métiers).

Germany
A number of German newspapers published articles about the work of IAESTE-Germany, and they also reported on the social activities of the local IAESTE-Committees. Some interviews were given to regional papers, as well as to some broadcasting stations. The national committees of IAESTE, AIESEC and IFMSA brought out a comprehensive booklet about the various leisure facilities in towns all over Germany. This book was very useful in integrating students into social activities.

Iceland
In an interview made by «Morgunbladid» of Reykjavik in August 1979, Haukur Gardarsson and Thorolfur Arnason were telling Icelandic readers about their work for the student exchange and their hopes for increased help from the university. 8 foreign student trainees were also interviewed to give their impressions of the host country. In general, they were very satisfied with their experience.

Japan
The following Japanese newspapers and magazines published articles by IAESTE committee members and exchange students, directed mainly at prospective employers and host families:
«Yomiuri Newspaper», «Mainichi Weekly», «Sekai Nippo», «Study Abroad + Conversation», «Technical Writing + Communication».

Portugal
Under the title «Paid training places for students in several countries of five continents» «Diário de Noticias», the most important Portuguese daily newspaper, published a two column's report on the activity of IAESTE in January 1979 mentioning the IAESTE Exchange Conference in Dublin. Special emphasis was laid on the necessity for Portuguese firms to increase their number of offers. The reporter found also worth mentioning that among the trainees who came to Portugal from abroad in 1979 were two sons of Portuguese «gastarbeiter» couples who had emigrated to France and Germany in the sixties.

Switzerland
In November 1978 the official Swiss news agency distributed a brief orientation on IAESTE to the Swiss press. About a dozen newspapers and periodicals printed the information, and a longer article appeared in the professional magazine «Schweizer Ingenieur und Architekt».

Thailand
A number of articles in the local press invited students to participate in the practical training scheme of IAESTE. A similar advertisement was also broadcast through Radio Thailand, English Language Service.

United Kingdom
In a letter addressed to the «Financial Times» in July 1979, reader R. V. Arnfield from the University of Nottingham deplored the loss of interest in IAESTE among the British employers. After mentioning that at one time over 1000 students were exchanged annually between the U.K. and IAESTE member countries, he concluded:
«While one can fully understand the many problems faced by industry and commerce in the last few years, surely it is in their long term self-interest to divert more than the 100 vacation jobs currently being offered».

United States
Several American company newspapers reported again about foreign students who were obtaining practical training with them under IAESTE. Articles included general information on the exchange and comments from the students on their working and living experience away from home. They were staying with: Maryland Port Administration, The Cleveland-Cliffs Iron Company, Centralab/USCC, Western Electric Guilford Center, Natural Gas Pipeline Company of America, and UOP Process Division.

Yugoslavia
In the newspapers «THE STUDENT» and «POLITIKA EXPRES» several articles were published about the results of the exchange and about the conditions of participating in the exchange programme.
In a special programme for students «INDEX 202», Radio Beograd 202 made an interview with the members of the Yugoslav IAESTE Committee and with students who had their practical training in Norway, Iraq, Germany and Poland. During the broadcast, listeners could question the participants by phone on topics related to this programme.

Training Balance Sheet for the exchange year 1979

(+) Excess of students received over students sent		(—) Excess of students sent over students received	
Germany	349	Egypt	65
France	72	Turkey	64
Switzerland	65	United Kingdom	62
South Africa	28	Austria	61
Sweden	24	Portugal	57
Greece	23	Ghana	45
CSSR	16	Poland	37
Denmark	14	Yugoslavia	35
Philippines	14	Spain	32
Norway	12	Netherlands	26
Japan	9	Nigeria	26
Libya	9	Lebanon	24
Iraq	6	Korea	21
Israel	5	Belgium	14
Luxembourg	2	Finland	12
Syria	2	Tunisia	12
		Sudan	9
		Brazil	8
		Canada	6
		USA	6
		Argentina	5
		Italy	5
		Australia	4
		Ireland	4
		Thailand	4
		Iceland	2
		Jordan	2
		Colombia	1
		India	1
Total	650	Total	650

NATIONAL EXCHANGE DEVELOPMENT
STUDENTS RECEIVED

	1950	1960	1970	1977	1978	1979	Total 1948–1979
Belgium	45	58	65	47	42	30	1768
Denmark	66	178	104	85	81	80	3459
Finland	62	214	238	115	108	178	5791
France	182	400	368	170	232	212	9873
Netherlands	142	479	545	339	330	306	12486
Norway	91	135	190	90	86	92	4403
Sweden	344	871	1292	191	169	231	22527
Switzerland	79	199	328	248	290	331	7732
United Kingdom	368	909	615	116	117	103	18217
Austria	85	339	218	135	142	104	7661
Germany	178	1195	1944	641	707	892	41346
USA	30	81	145	75	108	133	2721
Israel	–	95	122	137	146	157	2771
Italy	–	203	114	85	66	76	3185
Spain	–	217	152	128	120	133	5050
Yugoslavia	–	231	219	130	104	123	4877
Canada	–	107	44	71	88	130	1837
Iceland	–	–	2	–	8	15	63
Portugal	–	22	41	33	28	34	834
Turkey	–	210	173	152	143	112	4048
India	–	3	7	–	–	2	108
South Africa	–	6	82	50	61	63	1243
Greece	–	83	108	183	186	186	3012
Poland	–	186	204	349	366	366	5231
Tunisia	–	7	36	18	45	52	402
Argentina	–	–	7	4	4	2	143
Luxembourg	–	–	8	7	7	10	161
Egypt	–	–	19	104	101	111	1734
Ireland	–	–	61	29	37	38	1020
Colombia	–	–	2	–	–	–	28
Japan	–	–	69	56	45	49	845
Lebanon	–	–	14	–	4	6	163
Sudan	–	–	–	–	1	–	5
Chile	–	–	2	–	–	–	38
Czechoslovakia	–	–	35	78	98	110	1394
Syria	–	–	11	33	20	35	262
Iran	–	–	6	–	–	–	169
Malta	–	–	9	–	–	–	30
China (Taiwan)	–	–	–	–	–	–	1
Ghana	–	–	1	4	10	10	38
Korea	–	–	2	6	10	13	94
Australia	–	–	–	8	7	11	53
Iraq	–	–	–	30	30	62	192
Brazil	–	–	–	–	3	4	9
Libya	–	–	–	29	57	70	156
Mexico	–	–	–	–	–	–	–
Nigeria	–	–	–	–	–	1	1
Philippines	–	–	–	29	15	24	82
Jordan	–	–	–	–	2	6	8
Thailand	–	–	–	–	4	11	15
Total	1672	6430	7492	4005	4228	4714	177286

NATIONAL EXCHANGE DEVELOPMENT
STUDENTS SENT

	1950	1960	1970	1977	1978	1979	Total 1948–1979
Belgium	58	66	81	56	51	44	2238
Denmark	109	155	91	76	77	66	4186
Finland	172	188	514	187	181	190	8308
France	204	393	411	147	181	140	9340
Netherlands	197	539	605	350	359	332	14975
Norway	76	135	153	69	77	80	4074
Sweden	184	420	337	154	182	207	10422
Switzerland	71	153	227	187	203	266	5846
United Kingdom	353	883	530	191	188	165	17622
Austria	110	691	1218	122	135	165	18582
Germany	100	1105	494	475	446	543	22976
USA	37	98	165	88	115	139	2989
Israel	–	129	150	121	127	152	3359
Italy	–	206	134	113	97	81	3686
Spain	–	288	173	122	148	165	6585
Yugoslavia	–	317	345	128	121	158	7140
Canada	–	24	40	78	122	136	977
Iceland	–	–	1	3	7	17	52
Portugal	–	43	118	75	70	91	1581
Turkey	–	231	389	168	145	176	7482
India	–	–	9	–	1	3	124
South Africa	–	3	27	33	39	35	603
Ceylon	–	–	–	–	–	–	2
Greece	–	123	177	145	145	163	3620
Poland	–	232	313	359	345	403	6021
Tunisia	–	10	64	34	79	64	826
Argentina	–	–	45	10	12	7	596
Luxembourg	–	–	7	9	10	8	135
Egypt	–	–	112	163	173	176	6447
Ireland	–	–	38	42	46	42	905
Colombia	–	–	8	4	3	1	62
Japan	–	–	69	52	47	40	949
Lebanon	–	–	62	–	25	30	826
Sudan	–	–	20	1	2	9	193
Chile	–	–	11	–	–	–	115
Czechoslovakia	–	–	257	69	81	94	2711
Syria	–	–	57	48	20	33	632
Iran	–	–	32	–	–	–	378
Malta	–	–	12	1	–	–	51
China (Taiwan)	–	–	–	–	–	–	6
Ghana	–	–	6	12	22	55	164
Korea	–	–	9	10	24	34	213
Australia	–	–	–	9	12	15	77
Iraq	–	–	–	50	37	56	299
Brazil	–	–	–	–	1	12	16
Libya	–	–	–	49	60	61	170
Mexico	–	–	–	1	–	–	1
Nigeria	–	–	1	–	18	27	51
Philippines	–	–	–	14	7	10	42
Jordan	–	–	–	–	1	8	9
Thailand	–	–	–	–	7	15	22
Total	1672	6430	7492	4005	4228	4714	177286

Multilateral Exchanges during 1979

Please unfold

ar 1979

(—)

	dents sent over students received
	65
	64
om	62
	61
	57
	45
	37
	35
	32
	26
	26
	24
	21
	14
	12
	12
	9
	8
	6
	6
	5
	5
	4
	4
	4
	2
	2
	1
	1
	650

MULTILATERAL EXCHANGES DURING 1979

Country Sending	TOTAL 1978	TOTAL 1979	Country Receiving: Argentina	Australia	Austria	Belgium	Brazil	Canada	Colombia	CSSR	Denmark	Egypt	Finland	France	Germany	Ghana	Greece	Guyana	Iceland	India	Iran	Iraq	Ireland	Israel	Italy	Japan	Jordan	Korea	Lebanon	Libya	Luxembourg	Netherlands	Nigeria	Norway	Philippines	Poland	Portugal	South Africa	Spain	Sudan	Sweden	Switzerland	Syria	Thailand	Tunisia	Turkey	United Kingdom	USA	Yugoslavia
Argentina	12	7	–	–	–	–	–	–	–	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	1	–	–	3	–	–	–	–	–	–	–
Australia	12	15	–	–	–	–	–	1	–	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8	–	1	–	–	–	–	–	–	1	–	–	–	–	1	–	–
Austria	135	165	–	–	–	1	–	4	–	–	2	–	7	6	102	–	1	–	–	–	–	–	–	1	–	–	–	–	–	–	7	–	1	–	–	–	–	–	–	19	12	–	–	–	–	1	2	–
Belgium	51	44	–	–	–	–	–	–	–	–	1	2	1	6	5	–	3	–	–	–	–	–	–	2	–	–	–	1	–	–	5	–	1	–	3	1	–	2	–	2	6	–	–	1	–	1	2	–
Brazil	1	12	–	–	–	–	–	–	–	–	–	–	1	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–
Canada	122	136	–	–	2	–	–	–	–	–	6	2	13	6	34	–	–	–	1	–	–	–	1	2	1	2	–	1	1	–	–	18	–	5	1	3	–	2	2	–	15	13	–	–	–	–	4	1	–
Colombia	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–
CSSR	81	94	–	–	1	–	–	–	–	–	2	–	6	2	16	–	8	–	–	–	–	2	–	–	5	1	–	–	–	–	3	–	3	1	8	1	–	4	–	6	14	2	–	–	1	–	1	5
Denmark	77	66	–	–	2	–	–	7	–	4	–	2	3	3	9	–	2	–	1	–	–	–	1	5	1	1	–	–	–	1	6	1	1	2	1	–	4	–	–	4	–	–	–	–	1	5	2
Egypt	173	176	–	–	3	2	–	1	–	–	3	–	5	4	87	–	15	–	2	–	–	–	1	–	3	–	–	–	1	–	7	–	4	–	2	–	–	2	–	5	8	–	–	–	4	4	2	4	7
Finland	181	190	–	–	14	–	–	7	–	8	3	2	–	6	32	–	5	–	1	–	–	2	11	4	1	–	–	1	–	1	7	–	3	–	22	1	–	3	–	9	26	–	1	–	2	4	8	6
France	181	140	–	–	3	–	–	3	–	2	3	4	2	–	18	–	5	–	1	–	–	–	1	4	2	2	–	1	–	–	10	–	3	–	11	–	–	4	–	13	15	2	–	5	3	12	9	2
Germany	448	543	1	5	11	5	2	33	–	14	8	25	25	16	–	5	21	–	2	2	–	7	2	47	3	16	2	4	2	7	1	27	–	12	15	76	3	23	16	–	25	13	–	3	3	33	12	9	8
Ghana *	22	55	–	–	1	–	–	–	–	–	2	2	–	–	34	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	1	–	–	1	–	1	6	–	–	1	–	2	–	2
Greece	145	163	–	–	1	1	–	–	–	8	2	14	5	2	25	–	–	–	–	–	–	1	–	7	9	–	–	–	–	5	–	10	–	2	–	34	2	1	8	–	8	5	–	–	1	–	2	–	10
Guyana	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Iceland	7	17	–	–	–	–	–	1	–	–	1	3	1	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	1	4	–	–	–	1	–	–
India	1	3	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Iran	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Iraq	37	56	–	–	–	–	–	–	–	3	–	–	2	–	6	–	4	–	–	–	–	–	–	–	–	–	–	–	7	–	1	–	1	–	2	–	–	2	–	2	1	6	–	4	9	–	–	6
Ireland	46	42	–	–	–	–	–	1	–	–	1	–	12	2	3	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	5	–	4	–	–	–	1	–	–	8	2	–	–	–	–	2	–	–
Israel	127	152	–	–	2	2	–	2	–	–	5	–	4	6	44	–	11	–	–	–	–	–	–	–	–	–	–	–	–	3	31	–	2	–	–	2	6	10	–	4	13	–	2	–	–	2	1	–
Italy	97	81	–	–	1	–	–	1	–	5	2	3	2	3	6	–	8	–	–	–	–	2	–	–	–	1	–	1	2	7	1	–	1	–	15	–	–	6	–	2	1	–	–	2	2	–	–	7
Japan	47	40	–	–	–	–	–	2	–	1	2	–	–	2	14	–	–	–	–	–	–	–	–	–	–	–	–	2	1	2	–	5	–	2	1	2	–	–	6	–	3	4	–	–	–	1	1	–
Jordan	1	8	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	3	–	–	1	–	1	–	–
Korea	24	34	–	–	1	1	–	1	–	–	1	2	1	–	8	–	–	–	–	–	–	–	–	2	3	3	–	–	–	–	1	–	1	–	–	–	–	2	–	2	3	–	–	1	2	–	–	–
Lebanon	25	30	–	–	–	–	–	–	–	–	–	–	–	7	11	–	2	–	–	–	–	–	–	–	4	–	–	–	–	–	2	–	–	–	–	–	–	2	–	1	3	–	–	–	–	–	–	–
Libya	60	61	–	–	2	–	–	–	–	1	1	–	1	–	7	–	4	–	–	–	–	6	–	–	7	–	–	–	–	–	–	–	1	–	12	–	–	2	–	1	1	5	–	–	8	–	–	–
Luxembourg	10	8	–	–	–	–	–	–	–	–	1	–	–	–	2	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	1	–	–	1	–	–	–	–	–	–	–	–	1	–	–
Netherlands	359	332	–	1	15	3	–	13	–	6	9	8	7	14	44	1	14	–	–	–	–	1	5	30	2	6	–	–	–	3	–	–	–	6	–	21	4	6	8	–	23	23	–	2	2	10	11	31	5
Nigeria *	18	27	–	–	–	–	–	–	–	–	–	2	–	–	4	–	–	–	–	–	–	3	–	2	1	–	–	–	2	–	3	–	–	–	4	3	–	1	–	–	1	–	–	–	–	1	–	2
Norway	77	80	–	1	3	1	–	2	–	3	–	4	2	1	9	–	3	–	1	–	–	3	–	2	1	3	1	–	–	–	2	–	–	1	7	1	–	1	–	1	6	–	1	1	2	1	8	4
Philippines	7	10	–	–	–	–	–	–	–	–	–	–	–	–	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1	–	–	–	–	–	1	–	–
Poland	345	403	–	–	7	2	–	1	–	9	4	–	18	14	100	–	32	–	–	–	–	3	–	–	14	3	–	–	1	18	2	23	–	4	1	–	1	–	22	–	27	42	7	–	9	2	4	1	32
Portugal	70	91	–	–	–	1	–	–	–	–	1	–	4	5	39	–	5	–	–	–	–	–	–	3	–	–	–	–	–	–	10	–	1	–	2	–	2	3	–	2	5	–	–	–	2	1	2
South Africa *	39	35	–	–	1	–	–	1	–	–	–	–	–	2	11	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–	3	–	–	6	–	–	–	2	4	–	–
Spain	146	165	–	–	–	3	–	2	–	–	1	3	3	9	26	–	10	–	–	–	–	1	1	9	6	1	–	–	2	1	6	–	2	1	20	2	7	–	–	5	12	1	–	2	9	2	3	6
Sudan *	2	9	–	–	–	–	–	–	–	–	–	5	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Sweden	162	207	–	–	14	2	–	20	–	6	–	4	2	16	36	–	7	–	1	–	–	2	7	5	2	3	–	1	–	–	16	–	1	1	15	1	–	6	–	–	16	–	–	–	3	8	9	3
Switzerland	203	266	1	2	2	2	2	15	–	8	6	8	24	10	17	4	6	–	4	–	–	1	1	13	1	4	2	2	–	1	13	–	6	2	24	4	13	7	–	18	–	2	2	5	7	12	12	3
Syria	20	33	–	–	–	–	–	2	–	–	–	–	–	1	6	–	2	–	–	–	–	10	–	–	–	–	–	–	–	2	–	–	–	–	5	–	–	–	–	–	1	–	–	2	3	–	–	–
Thailand	7	15	–	–	–	–	–	–	–	–	–	–	2	–	3	–	–	–	–	–	–	1	–	2	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	3	–	–	–	–	1	–	–
Tunisia	78	64	–	–	–	1	–	–	–	3	1	–	–	7	2	–	3	–	–	–	–	9	–	–	3	–	1	–	–	3	–	2	–	1	–	9	–	–	2	–	–	4	4	–	–	3	–	–	6
Turkey	145	176	–	–	10	1	–	1	–	4	–	5	3	3	70	–	–	–	–	–	–	7	2	5	2	–	–	–	–	9	–	13	–	1	–	4	2	–	4	–	4	13	3	–	3	–	5	–	2
United Kingdom	188	165	–	1	3	1	–	5	–	–	–	–	12	43	12	–	3	–	–	–	–	–	–	3	–	–	–	–	–	–	22	–	6	–	4	2	2	4	–	10	12	–	–	–	–	–	19	1
USA	115	139	–	1	4	1	–	6	–	–	6	5	5	10	13	–	3	–	–	–	–	–	1	6	–	1	–	–	–	–	22	–	10	–	3	–	–	4	–	9	15	–	–	1	10	–	1
Yugoslavia	121	158	–	–	1	–	–	–	–	9	2	6	4	4	21	–	9	–	–	–	–	4	1	–	5	1	–	1	–	2	–	5	–	4	–	49	3	–	5	–	4	9	2	–	5	3	–	–	–
TOTAL 1979		4714	2	11	104	30	4	130	–	110	80	111	178	212	892	10	186	–	15	2	–	62	38	157	78	49	6	13	6	70	10	306	1	92	24	386	34	63	133	–	231	331	35	11	52	112	103	133	123
TOTAL 1978	4228		4	7	142	42	3	88	–	98	61	101	108	232	707	10	186	–	8	–	–	30	37	146	66	45	2	10	4	67	7	330	–	86	15	386	28	61	120	1	189	290	20	4	45	143	117	108	104

* Figures based on information from other countries

Study Fields of Students sent abroad during 1979

Please unfold

NATIONALITIES OF STUDENTS PARTICIPATING IN 1977–1979

Member countries	1977	1978	1979
Argentina	11	15	9
Australia	10	13	13
Austria	97	111	127
Belgium	57	49	44
Brazil	2	1	11
Canada	72	115	128
Colombia	4	6	3
CSSR	69	83	94
Denmark	75	75	63
Egypt	160	171	165
Finland	187	180	189
France	145	178	138
Germany	447	415	526
Ghana	13	22	55
Greece	155	153	161
Guyana	–	–	–
Iceland	3	7	17
India	6	3	5
Iran	14	11	21
Iraq	50	37	58
Ireland	41	45	42
Israel	118	121	148
Italy	114	101	83
Japan	52	47	40
Jordan	–	9	15
Korea	10	24	34
Lebanon	3	27	28
Libya	50	60	61
Luxembourg	9	14	9
Malta	1	–	–
Mexico	1	–	–
Netherlands	348	359	333
Nigeria	4	19	28
Norway	70	75	78
Philippines	12	7	10
Poland	359	347	403
Portugal	74	67	91
South Africa	33	38	38
Spain	124	144	186
Sudan	3	7	16
Sweden	150	160	204
Switzerland	144	174	247
Syria	50	21	35
Thailand	–	7	16
Tunisia	35	76	64
Turkey	171	147	185
United Kingdom	173	171	163
USA	85	109	132
Yugoslavia	129	123	158
Total	3938	4144	4650

Non-member countries			
Algeria	–	5	2
China	–	–	2
Cyprus	8	6	7
Ecuador	–	2	–
Indonesia	6	4	9
Liechtenstein	–	–	2
Malaysia	3	11	3
Morocco	1	3	4
Pakistan	9	4	2
Peru	–	2	3
Tanzania	–	2	–
Venezuela	–	5	2
Vietnam	1	–	1
Stateless	2	10	5
Others	25	14	6 *
Not stated	12	16	16
Full Total	4005	4228	4714

* Bolivia, Cambodia, Honduras, Arab. Rep. of Yemen, Romania, Singapore

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STUDY FIELDS OF STUDENTS SENT ABROAD DURING 1979

	Subject	Argentina	Australia	Austria	Belgium	Brazil	Canada	Colombia	CSSR	Denmark	Egypt	Finland	France	Germany	Ghana	Greece	Guyana	Iceland	India	Iran	Iraq	Ireland	Israel	Italy	Japan	Jordan	Korea	Lebanon	Libya	Luxembourg	Netherlands	Nigeria	Norway	Philippines	Poland	Portugal	South Africa	Spain	Sudan	Sweden	Switzerland	Syria	Thailand	Tunisia	Turkey	United Kingdom	USA	Yugoslavia	TOTAL
Engineering and Technology	Aeronautical Eng.	–	–	1	–	–	2	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	4	2	–	2	–	–	–	4	–	16	–	–	1	–	8	–	4	–	–	–	–	1	3	1	–	53
	Chemical Eng.	2	3	8	9	1	8	–	9	7	7	20	5	13	–	18	–	–	–	–	1	2	11	8	4	–	2	–	–	–	28	–	8	1	28	15	–	11	–	14	3	–	–	3	18	14	10	8	291
	Civil Eng.	–	–	8	8	–	14	–	12	17	22	23	15	64	–	30	–	1	–	–	9	7	20	5	1	4	–	9	16	6	35	–	–	–	44	6	–	18	–	19	22	7	1	18	13	10	11	14	507
	Computer Studies	–	1	–	–	–	5	–	3	1	2	2	4	6	–	–	–	–	–	–	–	–	6	–	1	–	–	–	–	–	10	–	–	–	2	–	–	–	–	–	4	–	–	–	–	4	4	1	56
	Culture Technics/Rural Eng.	–	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5	–	–	–	–	1	–	–	14
	Electronics	2	7	1	10	4	6	–	4	11	2	15	13	16	–	1	–	2	–	–	6	4	13	2	5	2	2	3	3	1	48	–	–	–	10	8	–	9	–	5	21	–	2	1	1	10	15	7	272
	Food Technology	–	–	14	–	–	–	–	–	–	1	–	6	11	–	–	–	–	–	–	2	–	3	–	–	–	1	–	–	–	2	–	–	1	10	–	–	9	–	–	4	–	–	1	–	1	1	–	55
	Geodesy	–	1	1	–	–	–	–	1	–	–	5	–	5	–	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	7	–	–	–	–	2	2	–	–	–	–	–	1	34
	Industrial Eng.	–	–	2	–	–	–	–	1	–	–	6	3	9	–	1	–	–	–	–	2	–	7	–	1	–	2	–	18	–	6	–	–	–	4	–	–	2	–	13	–	–	–	13	4	1	–	95
	Mechanical Eng.	1	–	40	8	5	17	–	17	16	33	30	10	143	–	28	–	6	–	–	8	19	26	24	8	–	7	10	6	–	69	–	12	4	69	9	–	23	–	42	48	7	5	11	45	24	23	43	898
	Metallurgy	–	–	12	–	–	4	–	6	–	5	5	3	8	–	7	–	–	–	–	1	–	–	3	1	–	3	–	–	–	1	–	1	–	25	–	–	1	–	7	3	–	1	–	3	15	3	5	123
	Mining	–	–	7	5	1	2	–	2	–	3	–	5	19	–	13	–	–	–	–	1	–	–	2	1	–	–	–	–	–	8	–	1	–	17	5	–	9	–	2	–	–	–	1	7	12	2	6	131
	Naval Eng. & Shipbuilding	–	–	–	–	–	–	–	–	–	1	1	–	1	–	2	–	–	–	–	–	–	–	–	1	–	1	–	–	–	3	–	2	–	1	–	–	3	–	–	–	–	2	1	1	1	1	2	24
	Nuclear Eng.	–	–	–	–	–	–	–	1	–	2	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	5
	Oil Technology	–	–	16	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	1	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	1	–	26
	Power Eng.	–	–	22	–	–	5	–	9	4	21	10	22	64	–	10	–	2	–	–	7	2	17	15	2	–	9	4	4	1	13	–	7	–	49	11	–	16	–	29	17	3	–	9	28	4	–	18	434
	Telecommunications	–	–	1	1	1	5	–	6	4	19	7	5	17	–	9	–	2	–	–	1	1	7	4	4	–	–	3	3	–	7	–	–	–	6	–	–	8	–	4	20	–	–	–	1	–	1	8	157
	Textile Technology	–	–	–	–	–	–	–	3	–	11	3	–	2	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	1	–	–	24
	Wood & Paper Technology	–	–	–	–	–	–	–	1	–	–	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	1	1	–	15
	Miscellaneous *	–	–	4	–	–	1	–	–	–	10	–	1	4	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	5	–	–	–	1	–	–	–	1	17	–	–	1	46
Sciences	Biochemistry	–	–	–	–	–	3	–	–	2	–	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	–	1	1	2	1	–	1	–	1	7	1	1	–	–	4	6	2	60
	Biology	–	–	1	–	–	6	–	–	–	1	2	4	8	–	–	–	1	–	–	–	–	4	1	–	–	1	–	–	–	4	–	1	1	2	1	–	1	–	1	7	1	1	–	–	4	6	2	60
	Chemistry	–	–	–	–	–	5	–	1	–	7	6	19	15	–	13	–	–	–	–	6	4	9	2	7	–	1	–	–	–	18	–	–	3	16	6	–	18	–	15	21	–	2	–	6	10	10	17	234
	Geology	–	–	–	–	–	1	–	2	–	1	1	–	35	–	–	–	–	–	–	1	–	–	2	–	–	–	–	–	–	–	–	1	–	3	–	–	–	1	16	–	–	1	2	4	2	–	73
	Geophysics	–	–	1	–	–	1	–	–	1	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–	–	1	8
	Mathematics	–	–	–	–	–	1	–	–	–	–	2	1	5	–	–	–	1	–	–	–	1	2	–	–	–	–	–	–	–	4	–	6	–	–	–	–	–	–	3	–	–	1	–	2	–	29
	Pharmacy	–	–	–	–	–	–	–	1	–	3	–	–	–	–	–	–	–	–	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
	Physics	–	–	6	1	–	10	–	1	1	1	10	1	9	–	2	–	1	–	–	1	–	5	2	–	–	–	–	–	–	20	–	6	–	9	–	–	8	–	18	7	1	–	–	3	6	6	5	140
	Veterinary Science	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	12	–	–	–	–	–	–	2	–	1	–	19
	Miscellaneous *	–	–	–	–	–	1	–	–	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	3	–	–	–	1	3	1	13
Applied Arts	Architecture	–	1	–	–	–	7	–	5	2	7	11	1	34	–	13	–	–	–	–	–	1	11	2	3	–	–	–	–	–	29	–	6	–	22	–	–	19	–	8	29	–	–	–	5	3	10	5	234
	Graphics & Printing	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	1	–	–	–	3
	Miscellaneous *	–	–	–	1	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	8
Agriculture	Agriculture	1	–	5	1	–	14	–	6	–	7	2	5	26	–	8	–	–	–	–	–	–	4	–	–	–	3	1	6	–	16	–	5	–	32	3	–	4	–	–	20	2	–	1	14	1	7	7	201
	Brewing	–	–	1	–	–	–	–	–	–	–	–	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
	Dairying	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	2	–	1	–	–	–	–	–	–	–	–	2	1	–	7
	Forestry	–	1	3	–	–	13	–	–	–	–	4	1	9	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	11	–	2	–	7	2	–	2	–	4	7	–	–	–	7	2	2	2	80
	Horticulture	–	–	–	–	–	2	–	–	–	–	1	3	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	4	–	–	–	–	–	–	–	–	–	–	–	4	–	19
	Miscellaneous *	–	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	5
Others	Commerce	–	–	4	–	–	2	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	2	–	–	–	13	1	–	27
	Economics	–	–	3	–	–	1	–	–	–	–	5	6	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	1	2	–	–	–	1	1	2	39
	Languages	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	1	–	–	–	–	1	10	1	2	19
	Miscellaneous *	–	–	–	–	–	–	–	–	–	2	6	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	2	6	–	3	–	1	1	–	–	2	1	7	–	32
	Not stated	–	–	–	–	–	–	1	1	–	–	–	–	7	55	–	–	–	3	–	–	–	–	2	–	–	–	–	3	–	–	27	–	–	19	15	35	–	9	2	–	–	–	–	–	–	–	179
	Total	7	15	165	44	12	136	1	94	66	176	190	140	543	55	163	–	17	3	–	56	42	152	81	40	8	34	30	61	8	332	27	80	10	403	91	35	165	9	207	266	33	15	64	176	165	139	158	4714

Country Sending

* Agricultural Economics (1), Automotive Eng. (5), Bee-keeping (1), Business Administration (3), Ceramics (4), Education of Handicapped (1), Electro-Mechanical Eng. (10), Environmental Studies (3), Foreign Trade (6), French Civilisation (1), General Eng. (3), Geography (3), History (1), Hotel Management/Tourism (5), Hydraulics (7), Hydrology (1), Landscape Architecture (4), Law (1), Library Science (3), Materials Eng. (4), Medical Eng. (1), Medicine (6), Mineral Dressing (4), Natural Science (1), Oceanography (1), Philosophy (4), Plant Protection (1), Political Science (1), Polymer Technology (4), Psychology (1), Publicity (1), Sanitary Eng. (3), Secretarial Studies (2), Systems Eng. (2), Theology (2), Traffic Eng. (1), Water Resources Science (1), Wine Making (1)

NUMBER OF INDUSTRIAL AND OTHER ORGANISATIONS OFFERING TRAINEESHIPS UNDER IAESTE

	1950	1960	1970	1977	1978	1979
Belgium	23	45	50	26	18	15
Denmark	48	82	60	59	52	51
Finland	31	73	160	51	49	64
France	77	169	164	83	99	85
Netherlands	57	170	175	97	87	62
Norway	44	77	109	45	49	62
Sweden	139	229	207	98	72	101
Switzerland	28	82	184	116	148	171
United Kingdom	152	388	274	65	76	90
Austria	52	208	154	70	72	58
Germany	105	624	703	242	382	402
USA	23	51	106	73	84	96
Israel	–	75	98	70	91	85
Italy	–	129	70	32	39	36
Spain	–	151	102	77	73	90
Yugoslavia	–	179	55	109	90	105
Canada	–	45	18	51	62	85
Iceland	–	–	4	3	8	10
Portugal	–	20	31	22	20	22
Turkey	–	52	75	129	129	129
India	–	5	18	–	–	2
South Africa	–	6	38	40	40	40
Greece	–	32	49	60	55	51
Poland	–	139	125	95	92	125
Tunisia	–	9	20	10	10	24
Argentina	–	–	11	9	12	4
Luxembourg	–	–	14	7	12	9
Egypt	–	–	95	51	50	51
Ireland	–	–	27	20	28	29
Colombia	–	–	3	–	–	–
Japan	–	–	38	51	42	45
Lebanon	–	–	15	–	8	8
Sudan	–	–	–	–	1	–
Czechoslovakia	–	–	121	49	70	75
Syria	–	–	9	16	16	16
Malta	–	–	8	–	–	–
Iran	–	–	7	–	–	–
Ghana	–	–	1	3	3	10
Korea	–	–	6	5	9	11
Australia	–	–	–	9	8	7
Iraq	–	–	–	29	29	29
Brazil	–	–	–	2	2	9
Libya	–	–	–	6	8	8
Mexico	–	–	–	–	–	–
Nigeria	–	–	–	–	4	4
Philippines	–	–	–	10	18	9
Jordan	–	–	–	–	2	4
Thailand	–	–	–	–	3	5
Total	779	3036	3407	1990	2218	2392

NUMBER OF EDUCATIONAL INSTITUTIONS PARTICIPATING IN THE EXCHANGE UNDER IAESTE

	1950	1960	1970	1977	1978	1979
Belgium	5	11	6	12	8	9
Denmark	1	3	3	5	5	5
Finland	3	8	23	24	23	22
France	53	94	139	102	80	64
Netherlands	1	30	46	30	33	27
Norway	1	6	15	5	60	5
Sweden	2	39	47	18	12	16
Switzerland	2	12	16	18	18	21
United Kingdom	19	48	63	85	66	65
Austria	4	27	34	24	6	24
Germany	14	87	89	62	58	65
USA	3	37	105	75	85	92
Israel	–	2	5	5	7	6
Italy	–	57	37	15	15	15
Spain	–	13	22	35	32	35
Yugoslavia	–	5	15	17	9	18
Canada	–	6	11	20	27	21
Iceland	–	1	1	1	2	1
Portugal	–	4	3	7	9	12
Turkey	–	11	31	37	40	45
India	–	5	3	–	1	3
South Africa	–	2	11	8	8	8
Greece	–	1	2	3	6	7
Poland	–	10	20	19	27	25
Tunisia	–	1	4	5	5	5
Argentina	–	–	14	7	7	4
Luxembourg	–	–	3	3	3	1
Egypt	–	–	44	13	14	13
Ireland	–	–	6	7	7	7
Colombia	–	–	3	3	1	1
Japan	–	–	7	21	12	14
Lebanon	–	–	3	–	3	3
Sudan	–	–	–	1	1	1
Czechoslovakia	–	–	16	12	11	11
Syria	–	–	15	13	3	3
Malta	–	–	2	1	–	–
Iran	–	–	14	–	–	–
Ghana	–	–	9	3	3	5
Korea	–	–	5	6	7	6
Australia	–	–	–	5	6	8
Iraq	–	–	–	7	7	6
Brazil	–	–	–	–	1	3
Libya	–	–	–	1	1	2
Mexico	–	–	–	1	–	–
Nigeria	–	–	–	2	6	6
Philippines	–	–	–	10	13	5
Jordan	–	–	–	–	2	2
Thailand	–	–	–	–	1	2
Total	108	520	882	728	751	719

DATES FOR THE EXCHANGE 1980

Country	Students sent			Students received			Average age of students sent in 1979	Average rates for exchange students	
	Expected commencing dates for 1980	Desired period of training (in weeks)	Interest in sending students for long-term training	Acceptable dates for 1980		Will long-term offers be available?		payment per week 1979	living costs per week 1979
				for summer period	for other periods				
Argentina	any	any	yes	any	any	yes	25	US$ 150	US$ 100
Australia	December	12	yes	April–November	–	yes	21	A$ 200	A$ 60
Austria	July–September	8	no	June–October	January–April	occasionally	24	AS 1650	AS 1400
Belgium	Mid-July–End-September	–	no	any except July	–	generally not	22	BFR 3000	BFR about 3000
Brazil	January	12	yes	any	any	no	–	Cr$ 2000	Cr$ 800–1600
Canada	1 January, 1 May, 1 September	12–14	yes	May–September	any	yes	22	$ 175	$ 90
Colombia	no information received	–	–	–	–	–	–	–	–
CSSR	July–September	6–8	no	July, August	–	no	22	Kcs. 300	Kcs. 200
Denmark	1 July	6–12	yes	1 May–30 Sept.	–	generally not	23	DKr. 650	DKr. 550
Egypt	1 July	10–12	no	1 July–30 Sept.	–	no	22	LE 12.500	LE 10.000
Finland	May and June	8–12	yes	25 May–August	–	limited	23	Fmk. 530	Fmk. 250
France	15 June, 1 July, 1 August, 1 September	4–12	yes	1 July–30 Sept.	any	very few only	22	FF 500	FF 450
Germany	15 February–15 July	8–10	yes	25 May–October	any	limited	23	DM 250	DM 185
Ghana	no information received	–	–	–	–	–	–	–	–
Greece	beginning July	6	no	1 July–30 October	–	no	22	Drs. 1800–2300	Drs. 1600–1800
Guyana	no information received	–	–	–	–	–	–	–	–
Iceland	–	10	no	1 June–31 August	–	no	22½	I. kr. 75000	I. kr. 20000
India	no information received	–	–	–	–	–	–	–	–
Iran	1 July	8–12	no	June–October	–	–	–	Rial 5000	Rial 3000–3500
Iraq	1 July–1 September	8	no	July/August	–	–	22½	ID 12	ID 5
Ireland	Mid-June	8–11	yes	June, 1 July f. Dublin	by arrangement	exceptions	20½	£ 48	£ 30
Israel	Mid-July	6–8	no	July–October	–	exceptions	23	IL 875	IL 700
Italy	15 July–30 September	4–8	no	June–Sept., exc. Aug.	–	–	24	Lit. 55000	Lit. 40000
Japan	1 March	6–10	yes	June–October	–	no	23	Yen 21000	Yen 18000
Jordan	June–September	8–10	yes	June–September	any	yes	20	JD 20	JD 16
Korea	beginning July	8–12	yes	July–August	December–Febr.	no	25	Won 50000	Won 40000
Lebanon	1 July	8	no	July–September	–	few	22	LL 150	LL 125
Libya	July	6–8	no	July–August	–	no	22	LDinars 17	free
Luxembourg	15 March, 15 April, 15 July, 15 September	6–8	no	any	–	no	21	F lux 3800	F lux 3500
Netherlands	1 February, Mid-June, 1 August, 1 November	6–12, 12–16	yes	1 July–1 Sept.	spring + autumn	exceptions	23	Dfl. 175	Dfl. 140
Nigeria	no information received	–	–	–	–	–	–	–	–
Norway	20 June–1 September	6–8	yes	1 June–1 Sept.	any	yes	24	NKr. 1000	NKr. 350
Philippines	May	12–24	yes	July	October	no	21	P 100–215	P 130–225
Poland	15 June	12	yes	15 June onwards	any	yes	23	zl. 500	zl. 375
Portugal	April	6–8	yes	June–December	no	yes	23	Esc. 2500	Esc. 2250
South Africa	no information received	–	–	–	–	–	–	–	–
Spain	6 July–1 August	8	yes	May–September	–	no	22	Ptas. 5500	Ptas. 4250
Sudan	no information received	–	–	–	–	–	–	–	–
Sweden	5–12 June	8	possibly	May–September	–	exceptions	23	SKr. 650–800	SKr. 500
Switzerland	end February, end June, 14 July	6–12	yes	June–October	any	few	23½	SFr. 290	SFr. 220
Syria	July–September	6–10	yes	July–September	no	yes	22	Syrian £ 110	free lodging
Thailand	June–August	12–24	yes	April–June	any	not at present	28	Baht 961	Baht 700
Tunisia	15 July	6	no	10 July–31 August	no	no	24	DT 19	DT 8
Turkey	15 July	8–12	no	June–August	September	yes	21	T£ 750	T£ 750
United Kingdom	June	8–10	yes	June–September	January–March	yes, a few	20	£ 55	£ 30
USA	May/June	8–12, 16–26	yes	May–June	any by arrangement	yes	21	$ 145	$ 125
Yugoslavia	1 July	4–8	no	1 July–1 October	no	–	22	Din. 1000	Din. 800–900

STUDY FIELDS OFFERED BY EMPLOYERS FOR TRAINING IN 1979

| Study Fields | Country receiving | | |

Reports of member countries

Argentina

Participating institutions:

Facultad de Ingeniería (Universidad de Buenos Aires)
Facultad de Arquitectura y Urbanismo (Universidad de Buenos Aires)
Facultad Tecnologica Nacional (Universidad Nacional de la Plata)
Facultad de Ciencias Exactas, Físicas y Naturales (Universidad Nacional de Córdoba)
Facultad de Ciencias Exactas e Ingeniería (Universidad Nacional de Rosario)
Facultad Católica de Quimica «Fray Rogelio Bacón» (Universidad Católica Argentina)
Instituto Geográfico Militar

Participating employers:

Constructora del Plata S.A.
Deutz Argentina S.A.
Ducilo S.A.I.C.
Establecimiento «Las Marías» S.A.
Indunor S.A.
Instituto Nacional de Tecnologia Industrial
La Martona S.A.
SEGBA

Australia

Participating institutions:

University of Melbourne
University of New South Wales
Monash University
Australian National University
University of New England
Latrobe University
Royal Melbourne Institute of Technology
Queensland Agricultural College

Increased applications from students wishing to come to Australia and Australian students wishing to go overseas were unfortunately not matched by an increase in local traineeships. However, we are indebted to those employers who did support us, and to the Graduate Careers Council of Australia for carrying the main work of administration of IAESTE.

Participating employers:

Australian Atomic Energy Commission, New South Wales
Foseco Pty. Ltd., New South Wales
Hamersley Iron Pty. Ltd., Western Australia
ICI Australia, Victoria
Leighton Contractors Pty. Ltd., New South Wales
Ministry for Conservation, Victoria
Newcastle Wallsend Coal Company, New South Wales
Nicholas International Ltd., Victoria
Nife Jungner Pty. Ltd., New South Wales
P. & P. Small, Victoria
Rheem Australia Ltd., New South Wales
Scientific Equipment Manufacturers Pty. Ltd., South Australia
State Electricity Commission, Victoria
University of Melbourne
WAITE Institute, South Australia

Austria

Participating institutions:

Universität Wien
Universität Graz
Universität Innsbruck
Technische Hochschule Wien
Technische Hochschule Graz
Montanistische Hochschule Leoben
Hochschule für Bodenkultur Wien
Hochschule für Sozial- und Wirtschaftswissenschaften Linz
Hochschule für Welthandel Wien
Hochschule für Musik und Angewandte Kunst Wien
Berg- und Hüttenschule Leoben
Chemotechnische Lehranstalt Graz
Handelsakademie Wien
Höhere Lehranstalt für wirtschaftliche Frauenberufe Wien
Höhere Bundeslehr- und Versuchsanstalt für Gartenbau
Höhere Technische Bundeslehranstalt Graz-Gösting
Höhere Technische Bundeslehranstalt Kaptenberg
Höhere Technische Bundeslehranstalt Mödling
Höhere Technische Bundeslehranstalt Wiener Neustadt
Höhere Technische Bundeslehranstalt Wien 1
Höhere Technische Bundeslehranstalt Wien 10
Höhere Bundeslehr- und Versuchsanstalt für Textilindustrie Wien 5
Höhere Technische Bundeslehr- und Versuchsanstalt Waidhofen/Ybbs
Höhere Technische Bundeslehr- und Versuchsanstalt Wien 9

Participating employers:

AICHBERGER Johann
AKG, Akustische & Kinogeräte GesmbH.
Amt der Stmk. Landesregierung
Beurle Otto, Dipl. Ing.
Binder & Co.
Bleckmann & Co.
Bleiberger Bergwerksunion
Brauerei Schwechat AG.
Brauerei Zipf AG.
I. Braun's Söhne
Brunner Verzinkerei, Brüder Bablik
Brüschweiler & Co.
Bundesamt für Eich- und Vermessungswesen
Bundesanstalt für Pflanzenschutz
Bunzl & Biach AG.
Chemiefaser Lenzing
Chemie Linz AG.
Dampfkraftwerk Korneuburg
Dietzel GesmbH., Kunststoff- und Metallwarenfabrik
Eisenwerk Breitenfeld GesmbH.
Eisenwerk Sulzau-Werfen
FREISSLER-OTIS
FUNDER Aktiengesellschaft
GARVENSWERKE
Gattringer Johann
Goess Leopold, Dr., Forst- und Güterdirektion
Graf Hermine
Graf Johann
Hofman & Maculan Bauaktiengesellschaft
IFE GesmbH.
Institut für Photogrammetrie
ITT Austria
KELAG, Kärtner Elektrizitäts AG.
Klosterfrau GesmbH.
Kolmar Georg
Kuratorium für Verkehrssicherheit
Landwirtschaftliche Fachschule Hafendorf
Leykam-Mürztaler Papier- und Zellstoff AG.
Linzer Elektrizitäts-, Fernwärme- und Verkehrsbetriebe AG.
Mair Walter, landwirtschaftlicher Betrieb
Manner Josef & Co., AG.
Marienhütte, GesmbH., Stahl- und Walzwerk
MARTHA Erdöl GesmbH.
Maschinenfabrik Andritz AG.
Meixner Erich, Dipl.-Ing. Dr. Techn.
Metatherm Metallurgisch-Thermische Anlagenbauges.mbH.

Metallwerk Plansee AG.
Mobil Oil Austria AG.
Nettingsdorfer Papierfabrik AG.
NEWAG
Norma Messtechnik GesmbH.
ÖAF-GRÄF & STIFT AG, Österreichische Automobilfabrik
Österreichische Brau AG
Österreichische Draukraftwerke AG
Österreichische Elektrizitäts-wirtschafts AG
Österreichische Mineralölverwaltung AG.
Österreichische Philips Industrie, GesmbH., Bandgerätewerk
Österreichische Philips Industrie, Fernsehwerk
Österreichischer Rundfunk, GesmbH.
Papierfabrik Laakirchen AG.
Pengg Johann, Draht- und Walzwerk
A. Plank-Bachseiten, Dipl.-Ing.
Pollhammer Hugo
Pöttinger Alois OHG.
Rohrbogenwerk Josef Erne & Co.
Salzach-Kohlenbergbau, GesmbH.
Scheubrein Josef
Schiebel Hans, Dipl.-Ing.
Siemens AG., Österreich
Simmering-Graz Pauker AG.
Sowitsch Aktiengesellschaft
Sprecher & Schuh, Fabrik Elektrischer Apparate GmbH.
Steirische Magnesit-Industrie AG.
STEWEAG, Steirische Wasserkraft- und Elektrizitäts AG
Steyr-Daimler-Puch AG.
SUGANA Zucker GesmbH.
Tauernkraftwerke AG.
Thaller Otto, Dipl.-Ing.
Traunsteinwerkstätten, Josef Swoboda «Universale» Hoch- und Tiefbau AG
Vereinigte Metallwerke Ranshofen-Berndorf AG.
VÖEST-ALPINE AG.
Vorarlberger Illwerke AG.
Vorarlberger Kraftwerke Aktiengesellschaft
Waagner-Biro AG.
Wiener Stadtwerke — Elektrizitätswerke
Wiener Stadtwerke — Verkehrsbetriebe
Zauner Franz
Zentralkonsum Österreich reg.Gen.m.b.H.

Belgium

Participating institutions:

Université Libre de Bruxelles
Vrije Universiteit Brussel
Rijksuniversiteit Gent
Université de Liège
Université Catholique de Louvain (Louvain-la-Neuve)
Katholieke Universiteit Leuven
Faculté Polytechnique de Mons
Faculté des Sciences Agronomiques de Gembloux
Hoger Instituut der Kempen (Geel)

Participating employers:

Amoco Chemicals Belgium N.V.
S.A. Ateliers de Constructions Electriques de Charleroi (ACEC)
Bâtiments et Ponts
Cie Industrie & Travaux Emile Blaton
C.E.R.A.U.
Electro Navale et Industrielle
N.V. Energiebedrijven van het Scheldeland
Esso N.V.
Entreprises Edmond François & Fils S.A.
S.A. Intercom Gaz et Electricité
Fermier Joseph Lambert
Bureaux d'Architecture Marcel Lambrichts
Molens van Orshoven
S.A. Papeteries de Virginal
Petrochim N.V.
Procter & Gamble European Technical Center S.A.
S.B.B.M.
Seco — Bureau de Contrôle pour la Sécurité de la Construction
Southwest Plastics Europe S.A.
S.A. Unerg

Brazil

Participating institutions:

Faculdade de Engenharia Industrial (FEI/FCA), São Bernardo do Campo
University of São Paulo State, Ribeirão Preto Campus
Federal University of Santa Catarina State, Florianopolis
Engineering School of Joinville
Federal University of Bahia State, Salvador

Participating employers:

Bardella-SA
Empreza Saneadora Territorial Agricola
Ferbate-SA
Hospital Israelita Albert Einstein
Industria Metalurgica de Salvador-SA
Industrias de Papeis de Arte José Tscherkassky
Jurid Ltda
Romi-SA
Sprecher & Schuh
Volkswagen-SA

Canada

Participating institutions:

Acadia University
Dalhousie University
Fanshawe College
Kemptville College
Lakehead University
McGill University
McMaster University
Memorial University of Newfoundland
Mohawk College
Nova Scotia Technical College
Queen's University
Royal Military College
Ryerson Polytechnical Institute
Sault College
Sir Sanford Fleming College
University of Alberta
University of British Columbia
University of Calgary
University of Guelph
Université Laval
University of Manitoba
Université de Montreal
University of New Brunswick
University of Ottawa
University of Saskatchewan
University of Toronto
University of Victoria
University of Waterloo
University of Western Ontario
University of Windsor

We are pleased to report that a further increase in the number of students handled was achieved in 1979, and that the volume of our exchange is now the highest in the 27 years of Canada's participation. 130 students were received and 136 students sent — an increase of 27% over 1978. We look forward to further gains in 1980. This steady progress would not be possible without the continued support and interest of our growing numbers of employers, both industrial and academic. We extend our thanks to each of them. We also acknowledge with appreciation the support, both financial and in kind, received from Air Canada, Bell-Northern Research, Employment & Immigration Canada, Gulf Oil, Shell Canada and Queens University.

Participating employers:

Algoma Steel Corp. Ltd.
Alberta Energy & Natural Resources
Allied Shipbuilders Ltd.
Aluminum Co. of Canada Ltd.
Atlas Copco Canada Ltd.
Atlas Polar Co. Ltd.
Bell-Northern Research Ltd.
Brenda Mines Ltd.
British Columbia Ministry of Health
Brown Boveri Canada Ltd.
Brunswick Mining & Smelting Corp. Ltd.
— Mining Division
— Smelting Division
C & C Yachts Development Ltd.
Canada Wire & Cable Ltd.
Canadian Forestry Service
Canadian National Railways
Churchill Falls (Labrador) Corp. Ltd.
City of Edmonton
— Planning Dept.
— Power Edmonton
Cominco Ltd.
Crane Canada Ltd.
Dairy Producers Co-operative Ltd.
Diesel Equipment Ltd.
Dominion Cellulose Ltd.
Dominion Foundries & Steel Ltd.
Ebco Industries Ltd.
Echo Bay Mines Ltd.
Eldorado Nuclear Ltd.
Electrovert Ltd.
GSW Ltd.
Gulf Minerals Canada Ltd.
Heritage Farms Group
Holiday Inn
Hollandia Gardens
Hydro-Quebec
INCO Ltd.
Intercontinental Engineering Ltd.
Kenting Drilling Co. Ltd.
Krupp Industries (Canada) Ltd.
Maritimes Forest Research Centre
Marline Oil Corp.
McGill University,
Dept. of Electrical Engineering
Dept. of Mechanical Engineering
Dept. of Mining & Metallurgical Engineering
Montreal Neurological Institute
McMaster University,
Institute Materials Research
Dept. of Mechanical Engineering
Memorial University,
Dept. of Chemistry
Mount-View Electric Ltd.
Netherlands Overseas Mills Ltd.
New Brunswick Dept. of Transportation
Niagara Parks Commission
Ontario Cancer Institute
Ontario Hydro
Ontario Ministry of the Environment,
Microbiology Section
Noise Pollution Control Section
Ontario Ministry of Natural Resources
PanCanadian Petroleum Ltd.
Pathex (Canada) Ltd.
Qualico Developments Ltd.
Queen's University,
Dept. of Biochemistry
Dept. of Biology
Dept. of Chemical Engineering
Dept. of Civil Engineering
Dept. of Computing & Info. Science
Dept. of Electrical Engineering
Dept. of Mechanical Engineering
Dept. of Metallurgical Engineering
Dept. of Physics
Rainbow Syndicate
Robinson & Heinrichs, Architects
Saskatchewan Research Council
Schickedanz Bros. Ltd.
Bob Schulz Productions Ltd.
Shamrock Farms
Shell Canada Ltd.
Syncrude Canada Ltd.
T.M. Thomson & Assoc. Ltd.
TMP Consulting Engineers
Transpacific Realty Ltd.
UNIES Ltd.
University of British Columbia,
Dept. of Mechanical Engineering
University of Calgary,
Dept. of Mechanical Engineering
University of Guelph,
Dept. of Chemistry

Dept. of Crop Science
Dept. of Environmental Biology
University of Manitoba,
Dept. of Electrical Engineering
Université de Quebec à Trois-Rivières,
Dept. de Chimie-Biologie
University of Saskatchewan,
Plant Ecology Dept.
Saskatchewan Institute of Pedology
University of Toronto,
Dept. of Chemical Eng. & Applied Chemistry
University of Victoria,
Dept. of Biology
University of Waterloc,
Dept. of Chemical Engineering
Dept. of Civil Engineering
Dept. of Electrical Engineering
University of Western Ontario,
Applied Electrostatics Laboratory
Dept. of Plant Sciences
Uranerz Exploration & Mining Ltd.
Urangesellschaft Canada Ltd.
Van Burck Farms

Colombia

Participating institutions: 1

Czechoslovakia

Participating institutions:

České vysoké učení technické Praha
Vysoká škola.chemicko-technologická Praha
Vysoká škola strojní a elektrotechnická Plzeň
Vysoká škola strojní a textilní Liberec
Vysoká škola chemicko-technologická Pardubice
Vysoke učení technicke Brno
Fakulta technologická VUT Gottwaldov
Vysoká škola báňská Ostrava
Slovenská vysoká školatechnická Bratislava
Vysoká škola dopravná Zilina
Vysoká škola techniká Košice

The number of students exchanged both ways through IAESTE Czechoslovapia is rising steadily every year.
49,7 % of all offers available in Czechoslovakia this year were of category S, 42,9 % of category P and 7,4 % of category M. We received 110 students from abroad this summer (98 in 1978), for whom a rich cultural programme was prepared.
We sent 94 students (81 in 1978) to 19 foreign countries.
We wish to express our gratitude to all Czechoslovak producing companies, research institutes and Universities, which took part in the IAESTE activities this year, Furthermore, we wish to thank the General Secretary and all National Committees for their cooperation.

Participating employers:

Avia, n.p., Praha
Bratislavské automobilové závody, n.p.
Bratislavské elektrotechnické závody, n.p.
1. Brněnská strojírna
Chemicko-technologická fakulta SVST
CSD, Plzeň
DRUPOS, Bratislava
Elektromontážne závody, n.p., Bratislava
Elektrovod, n.p., Bratislava
Elektrotechnická fakulta SVST
FJFI CVUT
Fakulta technologická VUT, Gottwaldov
Geofyskální ústav CSAV, Praha
Geodetický ústav, Praha
Hutný projekt, Bratislava

Hydroconsult Bratislava
Hydrostav, n.p., Bratislava
IPO školských stavieb, Bratislava
Interprojekt, Košice
Ingstav, n.p., Brno
Janka—ZRL, Praha
JZD Velký, Týnec
Keramické závody, n.p., Košice
KSB, Brno
Laboratoř počítacích strojů VUT, Brno
MsNV Hradec n/Mor.
Okresní průmyslovy podnik, Gottwaldov
Pozemné stavby, n.p., Bratislava
Pražské pivovary, n.p.
Prefa, n.p., Brno
Projektový ústav obchodu a cestovného ruchu, Bratislava
Průmyslové stavby, Brno
Rudý říjen, n.p., Otrokovice
Stavby silnic a železnic, Praha
Stavební isolace, n.p.,Praha
Staving, n.p., Bratislava
Severomoravské pivovary, n.p.
Stavoindustria, n.p., Bratislava
Stavoprojekt, Bratislava
Státní projektový ústav obchodu, Brno
Strojárne potravinárskeho priemyslu, n.p., Bratislava
Slovenský ústav pamiatkovej starostlivosti a ochrany prírody, Bratislava
Svit, n.p., Gottwaldov
Sportprojekta, Bratislava
Státny projektový ústav obchodu, Bratislava
Státny projektový a typizačný ústav, Bratislava
Tatra, n.p., Kopřivnice
Technické museum, Brno
Technicko-ekonomický výskumný ústav hutného priemyslu, Praha
Tesla Radiospoj, n.p., Praha
Tesla, Strašnice
TOS, Hostivař
Ustav experimentálnej metalurgie SAV, Košice
Ustav fysikální metalurgie CSAV, Brno
Ustav hydrológie SAV, Bratislava
ULB Banské projekty, Bratislava
Ustav polymérov SAV, Bratislava
VSS, n.p., Košice
Výskumný ústav dopraný Zilina
Výskumný ústav káblov a izolantov, Bratislava
Výskumný ústav stavebních hmot, Brno
Výskumný ústav zváračský, Bratislava
Výsoka škola chemicko-technologická, Praha
Výsoka škola chemicko-technologická, Pardubice
Výsoka škola strojní a elektrotechnická, Plzeň
Výsoka škola dopravná, Zilina
Výsoka škola strojní a textilní, Liberec
Vysoke učení technické, Brno
Západočeské papírny, n.p., Plzeň
Západoslovenské energetické [illegible]dy, n.p., Bratislava
Zbrojovka, n.p., Brno
Zdravoprojekt, Bratislava
ZEZ, Praha
ZNZV, Prostějov

Denmark

Participating institutions:

Danmarks Ingeniørakademi
Danmarks tekniske Højskole
Københavns Teknikum
Den kgl. Veterinær-og Landbohøjskole
Det kgl. danske Kunstakademi

Participating employers:

AEC Research Establishment Risø
Anhydro A/S
Asnæsværket
Balslevpartners
Bing & Grøndahl A/S
Carl Bro A/S
Bruun & Sørensen A/S
B&W Alpha Diesel A/S
B&W Marine Service
Christiani & Nielsen A/S
Colgate Palmolive A/S
Cowiconsult A/S
Danalith A/S
Danfoss A/S

Danmarks Radio
Dansk Hydraulisk Institut
Dansk Rumforskningsinstitut
Dansk Shell A/S
Danske Statsbaner
De Danske Spritfabrikker A/S
De Danske Sukkerfabrikker A/S
De Forenede Bryggerier A/S
Fyns kommunale Telefonselskab
Haustrups Fabriker A/S
Højgaard & Schultz A/S
Ib E. Jensen
Hans Otto Junker
Jydsk Motorvejskontor
Jydsk Telefon Akts.
Kiropraktisk Center
K. E. Kristensen
I. Krüger A/S
Københavns Belysningsvæsen
Københavns Telefon Akts.
Landsinspektørfirmæt, Ballerup
Larsen & Nielsen A/S
LK-NES A/S
LEO Pharmaceutical Products
LYAC A/S
Frede H. Madsen
NEA-Lindberg A/S
NESA A/S
NEUCC
NIRO Atomizer A/S
Nordiske Kabel-og Traadfabriker A/S
Odense Staalskibsværft A/S
Pharmacia A/S
PHILIPS Elektronik Industri A/S
E. Pihl & Søn A/S
Post-og Telegrafvæsenet
Radiometer A/S
Rambøll & Hannemann A/S
Christian Rovsing A/S
Sadofoss A/S
F. L. Smidth & Co. A/S
Stadsingeniørens Direktorat
Stadsingeniørens Kontor
Superfos Aki A/S
Haldor Topsøe A/S
Vandkvalitetsinstituttet
Vejdatalaboratoriet
Vejdirektoratet
Jens Villadsens Fabriker A/S
Aalborg Værft A/S
Aarhus Oliefabrik A/S
ØK Data

Egypt

Participating institutions:

University of Cairo
University of Alexandria
Ain Shams University
Al-Azhar University
Assiut University
University of Mansoura
University of Zagazig
University of Tanta
El Menoufia University
University of Helwan
University of Minia
Suez Canal University
American University in Cairo

Our total figures for the exchange showed a slight increase over last year's, and the number of late cancellatons from both sides fortunately decreased.
After the arrival of the incoming students, it became evident that the rising living costs had caught up with the average stipend paid to the students. Many companies obliged us by agreeing to raise the stipend by 20—33 %, and we also intervened with a rather modest subsidy. The Arab Contractors Company kindly offered all the students heavily subsidized meals at their clubhouse. We are deeply indebted to all companies concerned for such support at such a short notice, and will be taking all measures to adequately rectify such a situation for the coming exchange season.

More than half of the incoming students participated in the ever-popular 6-day excursion to Luxor and Asswan. The cultural recreational programme also included an excursion to the Suez Canal offered by The Arab Contractors Company to students of the Cairo area, and one to the second-world-war historical site of El Alamein offered by the University of Alexandria to the students in their area. We hereby record our appreciation of such activities.

Our exchange with Germany was the largest and most diversified. We sent post-doctorates for informatics, laboratory engineers for specific programmes and a post-graduate study/training group in textile engineering, in addition to the normal under-graduate trainees. We also received this year from Germany the highest number of students since 1967. In this connection, we take the opportunity to acknowledge gratefully such fruitful co-operation from the German IAESTE.

Finally, the everlasting enthusiasm shown by our industry in supporting our activities, together with the co-operation afforded us by the different IAESTEs, leading to a successful exchange season, is acknowledge and greatly appreciated.

Participating employers:

Atlas General Contracting Co., Cairo
Delta Industrial Co., Cairo
Dyestuffs and Chemicals Co., Kafr El Dawar
Eastern Tobacco Co., Giza
Edfina Co. for Preserved Foods, Alexandria
Elevators and Building Materials Co., Cairo
El-Nasr Automotive Manufacturing Co., Cairo
El-Nasr Co. for Manufacturing Coke and Chemicals, Helwan
El-Nasr Co for Rubber Products, Cairo
El-Nasr Co. for Utilities and Installations, Cairo
El-Nasr Electrical and Electronic Apparatus Co. (PHILIPS), Alexandria
El-Nasr Engineering and Refrigeration Co (KOLDAIR), Giza
El-Nasr Forging Industrial Co., Helwan
El-Nasr Glass and Crystal Co., Cairo
El-Nasr Petroleum Co., Alexandria
El-Nasr Steel Pipes and Fittings Co., Cairo
El-Nasr Wool and Selected Textiles Co., Alexandria
El-Shams Co. for Housing and Urban Development, Cairo
Etablissements Industriels pour la Soie et le Coton (ESCO), Cairo
General Egyptian Co. for Railway Equipment, Helwan
General Petroleum Co., Cairo
Heliopolis Co. for Housing and Development, Cairo
Helwan Portland Cement Co., Helwan
Kahira Pharmaceuticals and Chemical Industries Co., Cairo
Middle East Paper Co. (SIMO), Cairo
Misr Beida Dyers, Alexandria
Misr Chemical Industries Co,, Alexandria
Misr Concrete Development Co., Cairo
Misr/Helwan Spinning and Weaving Co., Helwan
Misr Oils and Soap Co., Cairo
Misr Petroleum Co., Cairo
Nasr City Co. for Housing and Development, Cairo
National Cement Co., Helwan
National Plastics Co., Cairo
Paints and Chemical Industries Co., Cairo
Paper Converting Co. (VERTA), Alexandria
Société des Sucreries et de Distillerie d'Egypte, Cairo
Société Générale de l'Industrie du Papier (RAKTA), Alexandria
The Arab Contractors Co., Cairo
The Arab Co. for Transistor Radios and Electronic Equipment, Giza
The Egyptian Copper Works, Alexandria
The Egyptian Co. for Pipes and Cement Products (SIEGWART), Helwan
The Egyptian Iron and Steel Co., Helwan
The Egyptian Mechanical Precision Industries Co. (SABI), Cairo
The Egyptian Plastics and Electrical Industries Co., Alexandria
The Egyptian Salt and Soda Co., Alexandria
The General Co. for Ceramics and Porcelain, Cairo
The National Metal Industries Co., Cairo
The Nile General Co. for Reinforced Concrete (SPECO), Cairo
The Nile Match Co., Alexandria
Tourah Portland Cement Co., Helwan

Finland

Participating institutions:

Helsingin kauppakorkeakoulu
Helsingin taideteollinen korkeakoulu
Helsingin teknillinen korkeakoulu
Helsingin teknillinen oppilaitos
Helsingin yliopisto
Jyväskylän yliopisto
Kauniaisten lukio
Kotkan teknillinen oppilaitos
Kouvolan liiketalouden ja ulkomaankaupan instituutti
Kuopion korkeakoulu
Kuopion teknillinen oppilaitos
Lahden teknillinen oppilaitos
Lappeenrannan teknillinen korkeakoulu
Lepaan puutarhaoppilaitos
Nikkarilan metsäopisto
Oulun yliopisto
Porin teknillinen oppilaitos
Raahen tietokonealan oppilaitos
Riihimäen teknillinen oppilaitos
Svenska Handelshögskolan
Tampereen teknillinen korkeakoulu
Tampereen teknillinen oppilaitos
Tekniska Läroverket i Helsingfors
Turun teknillinen oppilaitos
Turun yliopisto
Vaasan teknillinen oppilaitos
Wärtsilän teknillinen oppilaitos
Abo Akademi

This year has seen a significant increase in the number of offers available in Finland. This was largely the result of a big campaign IAESTE/Finland undertook in autumn 1978. A new leaflet was printed and sent to many new employers either directly or with the assistance of employer organizations. The result was 40 % more offers than in the previous year.
178 foreign trainees worked in our country compared with 108 the year before. The number of Finnish students sent abroad increased from 181 to 190. The interest of our students in IAESTE placings was higher than ever.
Excursions to companies, get-together parties, sight-seeing trips, and sauna evenings were organized to entertain the majority of our guests.
IAESTE/Finland wishes to thank all member countries for their good cooperation. We would also like to express our thanks to all Finnish companies who assisted us in achieving the good results for this year.

Participating employers:

A. Ahlström Oy
Oy Alko Ab
Arkkitehtuuritoimisto S. Järvinen-E. Valjakka
Björkbodan tehdas Oy
Elementtityö Oy
Enso-Gutzeit Oy
Espoon kaupungin tekninen virasto
Geodeettinen laitos
Matti Hakala
Helsingin kaupunki
  Energialaitos
  Kaupunkisuunnitteluvirasto
  Kiinteistövirasto
  Rakennusvirasto
  Satamalaitos
  Vesilaitos
Helsingin Puhelinyhdistys

Helsingin Yliopisto
Kasvitieteellinen Puutarha
Radiokemian laitos
Imatran Voima Oy
Intermaher Ky
Joensuun kaupungin rakennustoimisto
Jorvin sairaalan kuntainliitto
Kaapeliteollisuus Oy
Kainuun Osuusmeijeri
Kainuun Valo
Oy Kaukas Ab
Kemira Oy
Keskusmetsälautakunta Tapio
Kodak Oy
Kone Osakeyhtiö
Kotkan Puhelinyhdistys
Kumera Oy
Kymen vesipiirin vesitoimisto
Lepolan Puutarha
Görel Lönnholtz-Porkka
Maanmittaushallitus
Maatalousyhtymä Hemmilä
Makron Oy
Merentutkimuslaitos
Metsäliiton Teollisuus Oy
Metsänjalostussäätiö
Metsäntutkimuslaitos
Mustialan koulutila
Neles Oy
Oy Nokia Ab
Nopan Rakennusliike
Orion Yhtymä Oy/Lääketehdas Orion
Oulujoki Osakeyhtiö
Outokumpu Oy
Ovako Oy
Pellos Oy
Pohjolan Kaapeli Oy
Pohjolan Voima Oy
Posti-ja lennätinhallitus
Posti-ja lennätinlaitos
Rakennusosakeyhtiö Hartela
Rauma-Repola Oy
Rautaruukki Oy
Sassicon Oy
Oy Wilhelm Schauman Ab
G. A. Serlachius Oy
Oy Strömberg Ab
Sunila Osakeyhtiö
Tampereen Verkatehdas Oy
Tapolan kyläyhteisö
Hans-Henrik Stjernvall
S. A. Tervo Oy
Tie- ja vesirakennushallitus
Tie- ja vesirakennuslaitos
Tikkurilan Väitehtaat Oy
Antti Toivola
Turun kaupunki
Urakoitsijat Oy
Vaisala Oy
Valio
Risto Valkila
Valmet Oy
Valtion Polttoainekeskus
Valtionrautatiet
Valtion teknillinen tutkimuskeskus
Valvilla Oy
Vaskiluodon Voima
Oy Wärtsilä Ab
Yhtyneet Paperitehtaat Oy

France

Participating institutions:

Centre Universitaire des Sciences et Techniques de Clermont-Ferrand
Ecole Catholique d'Arts et Métiers de Lyon
Ecole Centrale de Lyon
Ecole Centrale des Arts et Manufactures de Paris
Ecole Forestière de Meymac
Ecole Française de Papeterie de Grenoble
Ecole d'Ingénieurs d'Orléans
Ecole Nationale d'Ingénieurs de Belfort
Ecole Nationale d'Ingénieurs de Brest
Ecole Nationale d'Ingénieurs de Metz
Ecole Nationale d'Ingénieurs de Saint-Etienne
Ecole Nationale d'Ingénieurs de Constructions Aéronautiques de Toulouse
Ecole Nationale des Ponts et Chaussées
Ecole Nationale Supérieure Agronomique de Toulouse
Ecole Nationale Supérieure Agronomique et des Industries Alimentaires de Nancy
Ecole Nationale Supérieure d'Arts-et-Métiers d'Angers
Ecole Nationale Supérieure d'Arts-et-Métiers de Bordeaux

Ecole Nationale Supérieure d'Arts-et-Métiers de Chalons-sur-Marne
Ecole Nationale Supérieure d'Arts-et-Métiers de Cluny
Ecole Nationale Supérieure d'Arts-et-Métiers de Lille
Ecole Nationale Supérieure de Chimie de Bordeaux
Ecole Nationale Supérieure de Chimie de Lille
Ecole Nationale Supérieure de Chimie de Marseille
Ecole Nationale Supérieure de Chimie de Montpellier
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Unfortunately, the efforts of recent years, leading to increasing results last year, have been completely reversed this year. This is due to a new regulation from our Administration concerning Social Security requirements, which makes compulsory for firms the registration of all student trainees, and cancels the benefit given to the French Committee for the non-registration of our students. For most of the firms and especially those who received a great number of students, many administrative and financial difficulties result from this law. The number of offers decreased and consequently the training places abroad offered to French students. Nevertheless our figures still show a great excess of foreign students received over French students sent.
We particularly thank all the French firms who maintained their offers in spite of the difficulties brought by this new regulation, and we hope that next year we shall be able to catch up with our past figures and even increase them.
A new French Committee has been founded composed of representatives of industry, higher education, student associations, and supporting organisations which may help the development of our activities.
Finally we would like to thank all IAESTE members for their friendly cooperation.

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As a result of an intensified campaign to raise more placements in German industry and university institutes, the facilities for foreign trainees were increased to 1166. Since only 892 placements could be used within the IAESTE exchange programme, the remaining offers were included in programmes administered by the German Academic Exchange Service. In this way the IAESTE Committee managed to make use of all available offers.

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Thanks to the efforts of the IAESTE and AIESEC local committees at German universities, a large number of students have been motivated to take advantage of the IAESTE exchange. This characterizes the general trend at German universities of students developing a preference for short periods of study and practical training abroad.

The success of this year's exchange programme is encouraging, since compared to last year's figures, the number of foreign students received increased by 26 % and the number of German students sent abroad rose by 22 %. This improvement could not have been achieved without assistance from German companies and university institutes, cooperation of local committees and offices at German universities and national IAESTE Committees all over the world, as well as the financial support of the Foreign Office (Auswärtiges Amt), the Federal Ministry of Science and Education (Bundesministerium für Bildung und Wissenschaft) and the Donors' Association for Arts and Sciences (Stifterverband für die Deutsche Wissenschaft).

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Südaluminium
Süddeutsche Bremsen AG
Süddeutsche Kalkstickst
Südwest-Tonstudio GmbH
Dieter Schaffert
Schardt
Karl Schenck AG
Schloemann-Siemag AG
Heine Schnorpfeil
Schubert & Salzer Maschinenfabrik AG
A. Schuchmann Bau GmbH
Staatliches Forstamt Urach
Staatliche Materialprüfungsanstalt, Uni Stuttgart
Stadt Braunschweig
Stadt Bremerhaven
Stadt Duisburg
Stadt Lahn
Stadt Wuppertal
Stadt Münster
Stadtverwaltung Düsseldorf
Stadtverwaltung Meinde
Stadtwerke Bielefeld GmbH
Stadtwerke Bonn
Stadtwerke Hannover AG
Stadtwerke Kiel AG
Stadtwerke Neumünster
Stadtwerke Ulm
Stadtwerke Lüdenscheid
Stahlwerke Peine-Salzgitter AG
Stahlwerke Röchling-Bohrbach GmbH
Standard Elektrik Lorenz AG
Stauden-Siedler
Steinecker Maschinenfabrik
Strom-Hafenbau
Strassenbauamt München
TETA Handel Produktion AG
THOSTI Bau AG
Thyssen AG
Tierärztliche Hochschule Hannover
F.C. Trapp Bauunternehmung GmbH & Co.
UCAR Batterien GmbH
Universität Konstanz, Fachbereich Chemie
Universitätsbauamt Erlangen
Universitätsbauamt Regensburg
Unternehmungsgruppe Streif
Van Leer Verpackungen GmbH
Veba
Vereinigte Aluminium-Werke AG
Vereinigte Elektrizitätswerke Westfalen AG
Versuchsgut Dickopshof, Uni Bonn
Versuchsstation für Intensivkulturen und Agrarökologie, Uni Hohenheim
Victoria Feuer-Versicherungs-AG
Volkswagenwerk AG
Vorwerk & Co.
WABCO Westinghouse GmbH
Wasserwirtschaftsamt Deggendorf
Helmut Walter GmbH
Werner & Pfleiderer
Wessel-Werke
Georg Westermann Verlag, Druckerei
Westfälische Berggewerkschaftskasse
Wintershall AG
Wirrus-Werke
Wolf & Co. Klimatechnik GmbH
Wolff Walsrode AG
H. Wohlenberg KG GmbH & Co.
Wotan-Werke
Wuppertaler Stadtwerke AG
Ymos-Metallwerke Wolf & Becker GmbH & Co.
Zagreb-Groi
Zoologisches Institut, Uni Kiel

Ghana

Participating institutions:

University of Science and Technology, Kumasi
University of Ghana, Legon, Accra

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University of Cape Coast, Cape Coast
U. S. T. School of Mines, Tarkwa
Technical Teachers' College Kumasi

This year again both sides of the exchange, for out-going as well as for in-coming students, were beset with numerous problems. Because of the boycott of lectures last year, the current academic year of our participating institutions was extended to September. This meant that students could only leave in September for training abroad. This, coupled with the rather short duration of the vacation, restricted to some extent the number of offers we could take. In addition, last year's sharp devaluation of the Ghanaian currency meant increased air fares for our students. However, we are happy to report that this year we are sending more than twice as many students as we sent last year. This is an impressive record for which we thank all our exchange partners, particulary IAESTE Germany for giving us a record number of 35 offers out of a total of 50.
The programme for the in-coming students has also been in difficulties. Because of the high rate of inflation we cannot offer jobs with low pay. When the new military group took over the reigns of goverment at the beginning of June, it was felt the problem of the high cost of living was going to be solved to enable us expand our programme. However, goods became more and more scarce. At one stage the National Committee even contemplated cancelling all offers. We decided against cancelling so as not to disrupt the exchange programme this year. We are again happy to report that we are receiving about 10 students this year. The problem of accommodation for foreign trainees is being tackled seriously. We are negotiating with the Government for the purchase of a house in Accra to be used as a hostel for the foreign trainees.
Co-operation with AIESEC in the reception and entertainment of foreign students is continuing. Excursions and get-togethers have been organized for the students.
We would again want to record here our sincere gratitude to the Government of Ghana for the continued financial support, to the companies which have made donations in support of the IAESTE programme, to the IAESTE Clubs, participating institutions and employers for their co-operation, invaluable assistance and interest in our activities. We still hope to count on their help and co-operation in the ensuing years.

Participating employers:

Ashanti Goldfields Corporation, Obuasi
Neoplan (Ghana) Limited, Kumasi
Kumasi Brewery Limited, Kumasi
Timber and Transport KK, Kumasi
Anis Badith Halaby, Kumasi
Architectural Associates, Kumasi
Architectural and Engineering Services Corporation, Accra
Architectural Design Partnership, Accra
Architectural Associates, Accra
Messrs. Twum Boafo and Partners, Accra
Netherlands African Manufacturing Company, Accra
New Times Corporation, Accra
Mebu Architects and Planners, Tamale
Tarkwa Goldfields Limited, Tarkwa

Greece

Participating institutions:

National Technical University of Athens
Agricultural College of Athens
Aristotle University of Thessaloniki, School of Technology
Patra University, School of Technology
National and Kapodistrian University of Athens, Physics and Mathematics School
Democritous University of Thrace, School of Technology
Aristotle University of Thessaloniki, Faculty of Physics and Mathematics

We wish to express our sincere thanks to the Greek Industry as well as to other technical and agricultural enterprises, which participated also this year with great interest in the IAESTE activities. They offered to us 214 places for foreign students, out of which 186 were finally used. 211 offers were given to us out of which 163 were finally used by our students.

The salaries were fixed to the amount of 1800 drs. = $ 48 a week (minimum). This amount of money is sufficient for a simple student life in Greece, considering that students working in the district of Athens and Thessaloniki are accommodated at the Student's Hall of Residence for 45 drs. per day, breakfast included. This very low price is due to the fact that the National Technical University of Athens pays for this purpose a considerable amount of money for each student. While for students working outside Athens and Thessaloniki the companies provide lodgings, mostly free or at a low price.

Foreign IAESTE students are free from income taxes in Greece as well as from fees for social insurance with State Social Insurance Scheme. Only students working with State Services have to pay some special contributions, which however are low, to different funds.

We also feel obliged to the following Greek authorities for their contribution to the exchange:

1. GREEK MINISTRY OF LABOUR, for issuing the labour permits to the foreign students.
2. GREEK MINISTRY OF INTERIOR (Aliens Department), for issuing the residence permits to the foreign students.
3. GREEK MINISTRY OF FOREIGN AFFAIRS, for furnishing foreign students with Greek Visa, when necessary.

Finally we would like to thank all the IAESTE member countries for their friendly cooperation.

Participating employers:

Aluminium of Athens S.A.
Athens Papermill Co., Ltd.
Biamax S.A.
B.P. Greece Ltd.
EDOK - ETER Ltd., Construction Co.
ELAIS, Oleaginous Products S.A.
ELBAK S.A.
ELINDA S.A.
ELVAL S.A.
ESSO — PAPPAS Inc.
ETMA, Artificial Silk Co.
FAMAR, P.A. Marinopoulos S.A.
HELLAS CAN A.E.
Hellenic Army Command (Technical) Corps Bases)
Hellenic Navy
Hellenic Cables S.A.
Hellenic Chemical Products and Fertilizers Co., Ltd.
Hellenic Industry for Building Materials S.A. «HELLENIT»
Hellenic Aspropyrgos Refinery S.A.
Hellenic Shipyards Co.
Hellenic Sugar Industry
Hellenic Telecommunication Organization
HERACLES, General Cement Company S.A.
IBS, United Tube Mills Corporation S.A.
ILIOFIN S.A., Dyeworks
Insulation and Protection S.A., Building Materials Research Labs.
KHM, Sp. Damigos S.A.
Larco, Mining and Metallurgical Co.
LANDIS & GYR HELLAS A.E.
Machine Factory «A. KOUPPAS AND CO., Ltd.»
MEL, Macedonian Paper Mills S.A.
Ministry of Agriculture
- Cotton and Industrial Plants Institute
- Fodder Crops and Pastures Institute
- Institute of Cereals, Thessaloniki
- Land Reclamation Service
- Land Reclamation Institute
- Livestock Institute
- Plant Protection Institute, Thessaloniki
- Seed Production Service
- Soil Science Institute
- Subtropical Plants and Olives Trees Institute
- Technological Institute of Plants Products
- Vine Institute, Lycovrissis

Mobil Oil Hellas S.A.
Nitrogenous Fertilizers Industry Co.
Organism of Lessini
Philkeram — Johnson S.A.
Phosphoric Fertilizers Industry Ltd.

Phytopathological Institute Benaki
Piraiki — Patraiki, Cotton Manufacturing S.A.
Public Petroleum Corporation of Greece S.A.
Public Power Corporation (D.E.H.)
Shell Company (Hellas) Ltd.
SIDENOR, Steel Works of Northern Greece S.A.
S.I.C.N.G. S.A.
Société Anonyme Hellénique des Eaux
Thessaloniki Refining Co.
Titan, Cement Company
Viem S.A.
Zanae, Nicoglou Yeast and Co., Ltd.

Guyana

No exchange this year

Iceland

Participating institution:

Háskolá Islands, Reykjavik

Participating employers: 10

India

Participating employers: 3

Iran

Iran was not active during the last four year's in the IAESTE Program. The reason was a controversy over an official policy of the former Iranian Government, which would not allow Iranian Students to travel abroad or non-Iranian Students to visit Iran during normal Summer holidays. Now, after realising the Islamic Republic which followed the great and glorious Islamic revolution of the Iranian people, we hope to be able to participate in the future activities of IAESTE, beginning next year.
At this very moment our application for acquiring a renewal permit from the new Ministry of Sciences, Higher Education and Cultural Affairs and also from Iranian universities is under consideration.

Iraq

Participating institutions:

University of Baghdad
College of Engineering
College of Sciences
College of Agriculture
College of Pharmacy
College of Arts

University of Mosul
College of Engineering
College of Sciences
College of Agriculture
University of Basra
College of Engineering
College of Sciences
College of Agriculture
University of Sulaimanijya
College of Engineering
College of Sciences
University of Technology
Foundation of Technical Institutes

This summer we received 62 students from 17 countries. These students worked with our national firms in Baghdad in their study-field, mainly in research and applied science activities. They were lodged free of charge in the main student hostel with payment of I.D. 50 per month. We also prepared some cultural activities; three trips. The first to the Thurthar Project, the second to a summer students camp, and the third to the Babylon Ruins.
In the other direction we sent 56 Iraqi student trainees abroad to 15 countries. Each one received a personal grant of I.D 50 besides a free air-ticket to and fro.

Participating employers:

The Institute of Co-operation & Agricultural Extension
Directorate General for Veterinary Services
Directorate General of Animal Recources
The Institute of Petroleum Research
The State Company for Constructional Contracts
Directorate General for Horticulture
Directorate General for Geological Survey & Mineral Investigation
University of Technology
State Company for Woollen Textiles
Directorate General for Plant Protection
State Establishment for Oil Refinery & Gas Processing
Center of Palms Research

Ireland

Participating institutions:

College of Technology, Bolton Street, Dublin
College of Technology, Kevin Street, Dublin
NIHE Limerick
Sligo Regional Technical College
Trinity College Dublin
University College Cork
University College Dublin
University College Galway

Our exchange figures have not changed substantially from last year. While we had expected earlier an increase in the number of students sent and received, the difficulties in communication resulting from our prolonged postal dispute made this impossible. We would again like to thank all other IAESTE committees for their cooperation and patience during this dispute, and to apologise once more for the extra work caused as a result. We hope that in 1980 we will be able to report a substantial increase in our exchange figures.
Our thanks are also due to all the firms and organisations which have offered training places, to the Government Departments of Foreign Affairs, Justice, Labour and

Social Welfare, and to the Aliens Office and the Revenue Commissioners, for their continued cooperation in making our exchange possible.
Finally, we would like to thank all those who helped to make the IAESTE Exchange Conference held in Dublin this year a success, and in particular Bord na Mona, Bord Failte (the Irish Tourist Board), Irish Cement Limited, the Electricity Supply Board, Arthur Guinness Son & Company (Dublin) Limited, the Industrial Development Authority, the Minister for Education, the National Board for Science and Technology, Nitrigin Eireann Teoranta, and of course the management and staff of the Shelbourne Hotel.

Participating employers:

ABS Pumps Limited
Bord Gais Eireann
Bord na Mona
Collen Brothers (Dublin) Ltd.
Comhlucht Siuicre Eireann Teoranta
Coras Iompair Eireann
Cork Corporation
Cork County Council
Department of Fisheries and Forestry
Department of Posts & Telegraphs
Donnely Mirrors Ltd.
Electricity Supply Board
Fergus Flynn-Rogers, B. Arch., MRIAI
An Foras Taluntais
Arthur Guinness Son & Co. (Dublin) Ltd.
Gypsum Industries Ltd.
Harp Lager Brewery (Ireland) Ltd.
P. J. Hegarty and Sons Ltd.
Irish Cement Ltd.
Irish Glass Bottle Company Ltd.
Kelly & Barry & Associates
M. F. Kent and Company Ltd.
Linson Ltd.
W. & C. McDonnell Ltd.
Office of Public Works
O'Flynn Green McCarthy Stansfeld
Ove Arup and Partners
E. G. Pettit & Co.
Pfizer Chemical Corporation
Radio Telefis Eireann
Tebodin Ltd.
Tipperary (N. R.) County Council
Tipperary (S. R.) County Council
P. J. Walls (Dublin) Ltd.
Malachy Walsh and Partners
John A. Wood Ltd.
Varming Mulcahy Reilly Associates

Israel

Participating institutions:

Technion — Israel Institute of Technology, Haifa
The Hebrew University of Jerusalem, Jerusalem
Hebrew University, Faculty of Agriculture, Rehovot
Ben-Gurion University, Beer-Sheva
Tel-Aviv University, Ramat-Aviv, Tel-Aviv
Bar Ilan University, Ramat Gan

We wish to express our thanks to all academic institutes, the Israeli industries as well as the government offices which participated in the IAESTE activities in offering us 217 working places for practical experience for foreign students, of which 157 were finally used. Thanks to this cooperation 152 of our students were able to have their practical training abroad. This is an increase of 8 % incoming students and 20 % outgoing students.
As in the past, entertainment programs for the foreign students were carried out: Two tours — by special rates — 1) A two days tour to Jerusalem and surroundings 2) A two days tour to the Galiliee.
With the cooperation of the Technion Students' Association, the annual «Get-together party» took place in the Technion, giving the students an opportunity to meet each other. The party included a dinner followed by folk dances and songs. Finally we would like to thank the IAESTE member countries for their cooperation.

Participating employers:

Amcor Ltd., Tel-Aviv
Angel's Bakery, Jerusalem
Arel, Control Systems Ltd. Yavneh
Ata Textile Co. Ltd., Kiriyat Ata
Baccarah, Kibbutz Geva
Barmad, Kibbutz Evron
Beit Hashita Olives, Kibbutz Beit-Hashita
Ben Gurion University, Beer Sheva
Cabiran, Precision Casting, Kibbutz Cabri
Carmel Chemicals, Atlit
Chemicals & Phosphates Ltd., Haifa
Chromagen, Kibbutz Shaar-Haamakin
Dan, Public Transport Corp. Ltd., Tel-Aviv
David Cassuto, Architecture & Town Planning Ltd., Jerusalem
Degania Sprayers, Kibbutz Degania
Dorot Foundry & Metal Works, Kibbutz Dorot
Duram, Rubber Products, Kibbutz Ramat Haccowesh
Egged Ltd., Haifa & Tel-Aviv
Ein Shemer Rubber Industries, Kibbutz Ein-Shemer
El-Al Ltd., Israel Airlines, Lod
Elex, Control Systems, Kibbutz Izrael
Elite Ltd., Ramat Gan
Elscint Ltd., Haifa
Eshet Ayalon, Kibbutz Ellon
Frutarom Electro Chemical Industries, Haifa
Gadot, Petrochemical Industries Ltd., Haifa
Gelfmann Architect, Haifa
Haddassa Hospital, Jerusalem
Hamegaper, Haifa
Hakibbutz Hameychad, Planning Dept., Tel-Aviv
Hazera, Seeds, Ltd., Haifa
The Hebrew University of Jerusalem, Jerusalem
I.B.M. Ltd., Tel-Aviv
Israel Electric Corp., Haifa & Tel-Aviv
Israel Railways, Haifa
Keleth Afikim, Kibbutz Afikim
Kidan, Haifa
Koor Metals Ltd., Holon
Kulso Ltd., Advanced Tech. Center, Haifa
Lageen, Tin & Box Factory, Kibbutz Yagur
Levit, Architect, Jerusalem
Life, Planning & Industrial Eng. Ltd., Haifa
Machteshim Ltd., Beer Sheva
Mansfeld, Architect, Haifa
Matmar, Ltd., Haifa
Mahler Ing., Haifa
Mekoroth Ltd., Tel-Aviv
Metal Works, Kibbutz Tel-Yossef
Metal Works, Kibbutz Nir Daviv
M. G. Electronics Ltd., Rehovot
Middle East Tube Co. Ltd., Haifa
Mifromal Ltd., Jerusalem
Miluoth, Nahariya
Mineral Eng. Research Center, Haifa
Ministry of Housing, Tel-Aviv
Ministry of Labour P.W.D., Tel-Aviv, Haifa & Jerusalem
M.L.M. Frames for Eye Glasses, Kibbutz Kissufim
Mobilia Pistons Ltd., Tel-Aviv
Moller Textile, Nahariya
Municipality of Beer Sheva
Municipality of Benei Braqu
Municipality of Haifa
Municipality of Jerusalem
Municipality of Tel-Aviv
Nesher Ltd., Haifa
Netafim, Kibbutz Hazerim
Okron, Kibbutz Gvar-Am
Ophir Ronnen Eng., Ltd., Tel-Aviv
Ortal, Presure moulds & Castings, Kibbutz Neve Ur
Pheonicia Ltd., Haifa
Plantex Ltd., Nathania
Plasson, Plastic Products, Kibbutz Maagan Michael
Plastics Industries, Kibbutz Genigar
Polyon Kibbutz Barkali
Rechter Zarchi, Architects, Tel-Aviv
Regba Structures Ltd., Moshav Regba
Rom Carmel, Haifa
Ruppin Institute, Emek Hefer
Shemen, Israel Oil Industry, Haifa
Shikun Upituach Le Israel Ltd., Tel-Aviv
Silora, Electronics, Kibbutz Kfar Massarik
Soil Erosion Research Station, Emek Hefer
Spectronix Ltd., Fire Prevention, Tel-Aviv
Sun Frost, Frozen Food Products Ltd., Ashdod
Tadiran, Electronics, Tel-Aviv
Tambour Paints Ltd., Haifa
Technion Israel Inst. of Technology, Haifa
Technion, Research & Development Foundation, Haifa
Technology Educational Center, Tel-Aviv
Tel-Aviv University, Tel-Aviv

Tel-Rad, Telecommunication & Electronic Industry, Lod
The Israeli Harbour Authorities, Tel-Aviv
The Israel Inst. of Productivity, Tel-Aviv
The Israel Wire & Cable Co., Ltd., Haifa
Tichnun Cafri Ltd., Architectural Design, Haifa
Tnuva Dairy Products, Tel-Aviv
Tultion Television, Tel-Aviv
The Vulcani Center, Agr. Research Org., Beit-Dagan
Vita, J. Plotkin & Sons Ltd., Ramat Gan
Vulcan Foundries Ltd., Haifa
Weitzmann Inst. of Science, Rehovot
Zamir Y. Architect, Haifa

Italy

Participating institutions:

Facoltà Ingegneria Politecnico di Torino
Facoltà Ingeneria Politecnico di Milano
Facoltà Ingeneria Università di Ancona
Facoltà Ingeneria Università di Bari
Facoltà Ingeneria Università di Bologna
Facoltà Ingeneria Università di Cagliari
Facoltà Ingeneria Università di Catania
Facoltà Ingeneria Università di Genova
Facoltà Ingeneria Università di Napoli
Facoltà Ingeneria Università di Padova
Facoltà Ingeneria Università di Palermo
Facoltà Ingeneria Università di Pavia
Facoltà Ingeneria Università di Pisa
Facoltà Ingeneria Università di Roma
Facoltà Ingeneria Università di Trieste

Participating employers:

A.E.M. — Milano
A.E.M. — Torino
Ansaldo S. Giorgio
Azienda Agricola — Monteu Roero (CN)
Azienda Agricola — Pinerolo (Sig. Borgogno)
Azienda Agricola — S. Benigno
Cementeria di Merone
Camera di Commercio Americana
Cementir
Centrale del Latte
Centri Studi Urbanistici e del Territorio
Colgate Palmolive
Elettroconduttore
ENEL — Cagliari
ENEL — Firenze
ENEL — Milano
ENEL — Napoli
ENEL — Torino
ENEL — Venezia
Biswro — Bosconero (Torino)
Ente Autonomo del Flummendosa
FIAT
Fincosit
F.I.T.
Industria Cementi Rossi
Inelco
Istituto Ricerche Breda
Italstrade
I.S.A.M.
Lancia
Lodigiani
Olivetti
Piaggio
Polytechna-Harris
Riva Calzoni
Saras
Studio Architettura-Ingegneria (Ing. Desidieri)
Studio Architettura-Ingegneria (Ing. Cassatella)
Società Costruzioni Immobiliari
SIP — Bologna
SIP — Napoli
SIP — Roma
SIP — Torino
SIP — Venezia
Unione Agricoltori Torino

Japan

Participating institutions:

Doshisha University
Keio University
Meiji University
Musashi Institute of Technology

Nagoya Institute of Technology
Tokyo Institute of Technology
Tokyo Science University
University of Hokkaido
University of Osaka
University of Osaka Prefecture
University of Kyoto
University of Mie
University of Nagoya
University of Tokyo
University of Yamagata
Waseda University
Yokohama National University

This year we put the report from foreign companies in the 78th Annual Report. We'd like to thank very much for their kindness. We received reports from 18 companies.

Participating employers:

Anritsu Electric Co., Ltd.
Ashizawa-Niro Atomizer Ltd.
Canon Inc.
Casting Research Laboratory, Waseda University
Electrotechnical Laboratory of the Japanese Government
Faculty of Engineering, University of Tokyo
Fujitsu Ltd.
Furuno Electric Co., Ltd.
Godo Steel, Ltd.
Hanshin Expressway Public Corporation
Hazama-gumi Co., Ltd.
Hitachi, Ltd.
IBM Japan Ltd.
Institute of Space and Aeronautical Science, University Tokyo
Ishii Iron Works Co., Ltd.
Isuzu Motors, Ltd.
Japan Air Lines
Japan Highway Public Corporation
Kanzaki Paper Mfg. Co., Ltd.
Kidoh Kensetsu Kogyo Co., Ltd.
Kokusai Denshin Denwa Co. Ltd.
Komatsu, Ltd.
Kubota, Ltd.
Kumagai-gumi Co., Ltd.
Matsushita Electric Co., Ltd.
Mechanical Engineering Laboratory of the Japanese Government
Metropolitan Expressway Public Corporation
Mitsubishi Electric Corporation
Mitsubishi Heavy Industries, Ltd.
Nippon Electric Co., Ltd.
Nippon Steel Corporation
Nippon Telegraph & Telephone Public Corporation
Nissan Motor Co., Ltd.
Nissin Electric Co., Ltd.
Oki Electric Industry Co., Ltd.
Okuma Machinery Works Ltd.
Osaka Transformer Co., Ltd.
Sakai Iron Works Co., Ltd.
Sanyo Electric Co., Ltd.
Shimizu Construction Co., Ltd.
Shiraishi Foundation Co., Ltd.
Shoritsu Seisakusho Co., Ltd.
SKC Inc. Architects/Planners
Sony Corporation
Sumitomo Electric Industries, Ltd.
Sumitomo Heavy Industries, Ltd.
Takasago Thermal Engineering
Takeda Works
Tokyo Electric Power Company, Inc.
Tokyo Keiki Co., Ltd.
Tokyo Shibaura Electric Co., Ltd.
Toyota Motor Co., Ltd.
Tsubakimoto Chain Co., Ltd.
Yokogawa Electric Works, Ltd.

Jordan

Participating institutions: 2

Participating employers: 4

Korea

Participating institutions:

Korea University
Pusan National University
Seoul National University
Yonsei University
Inha University
Hanyang University

Participating employers:

Dae Lim Industrial Co. Ltd.
Dae Won Kang Up Co. Ltd.
Daewoo Development Co.
Daewoo Heavy Industries Ltd.
Gold Star Tele-Electric Co. Ltd.
Hankuk Glass Inc. Co. Ltd.
Hyosung Heavy Industrial Ltd.
Hyundai Construction Co. Ltd.
Hyundai International Industries
KIA Industrial Co.
Korea Electric Co.
Korea Steel Pipe Co. Ltd.
Korean Microsystems Industries
Kukdong Oil Co.
Kwang Myung Lumber Co. Ltd.
Sam Sung Electronics Co. Ltd.
Sein Products Ltd.
Seoul Food Industrial Co. Ltd.
Taihan Electric Wire Co. Ltd.
Tong Myung Industrial Co. Ltd.

Lebanon

Participating institutions:

American University of Beirut
University Saint Joseph

Our exchange program has still not reached its pre-1975 level due to the continued unrest in the country. Many employers are interested in giving more offers but few foreign students are interested in coming.
In view of all these difficulties, the exchange could still be considered as satisfactory. But we are still hopeful to do better.

Participating employers:

American University of Beirut
A.C.E. (Associated Contracting Engineers)
Dar Al-Handassah
Lebanon Chemicals
Middle East Airlines
Paulith
Unipack

Libya

Participating institutions:

Faculty of Engineering, Garyounis University
Faculty of Agriculture, Garyounis University

This year we made all our best efforts to provide the trainees with all the facilities and aids available.
This year we sent 61 Libyan Students abroad and we received 70 trainees from several countries so we have an increase of 23 % in students received compared with last year.
Our main aim this year was to place each trainee in the most suitable training place according to his own specialization. We also tried to avoid all the problems we had in the past year. We wish to express our thanks to our participating employers for their good intentions to aid us. We would also like to place on record our gratitude to all IAESTE members who assisted us this year, and we extend our thanks to the University of Garyounis, who helped us in providing accommodation, transportation and entertainment for the students. We hope that with their aid, we will be heading with IAESTE Libya to a more prosperous future in the coming years.
Thanks to all IAESTE member countries for their cooperation.

Participating employers:

ARRAHILA Automobile Company
Cement Factory
Dairy Factory
Directorate of Housing
Electricity Corporation
General Cables Company
General Housing Association
Kufra Project Co.
Municipality of Benghazi
National Petroleum Association

Luxembourg

Participating institutions:

Ecole Technique Luxembourg
Universität Innsbruck
Technische Universität München
Eidgenössische Technische Hochschule Zürich

As we could improve the efficiency of our administrative work and the contacts to the interested students our avctivity shows results that are in accordance with our aims, even if because of the economic situation in the Grand-Duchy of Luxembourg, the number of offered training places is still decreasing.
We have to thank the cooperating industries and companies for their good-will and for the efforts they make to enlarge the activity of the students, so that they can get the best results out of their training.
After these diffly covnv
After these difficult last years it seems that the financial situation of our industries is improving. It should be possible to increase again our number of offers and to equilibrate again the balance between the number of students received and the Luxemburgers going abroad. Our committee will nevertheless do ist best to keep the high quality of our training that is appreciated by all the foreign students.

Participating employers:

Administrations des Postes et Télécommunications
ARBED SA
Brasserie Nationale SA
Goodyear SA
Mines et Métallurgique de Rodange/ Athus SA
Secalt
SA des Anciens Ets Paul Wurth
Société Electrique de l'Our
Société Nationale des Chemins de Fer Luxembourgeois (SNCFL)
Syndicat des Eaux du Barrage d'Esch-sur-Sûre

Netherlands

Participating institutions:

Technische Hogeschool Delft
Technische Hogeschool Eindhoven
Technische Hogeschool Twente
Landbouwhogeschool Wageningen
Rijksuniversiteit Utrecht
Hogere Technische School, Alkmaar
Hogere Technische School, Amsterdam I and II
Hogere Technische School, Apeldoorn
Hogere Technische School, Arnhem
Hogere Technische School, Breda
Hogere Technische School, Dordrecht
Hogere Technische School, Eindhoven
Hogere Technische School, Enschede I and II
Hogere Technische School, 's-Gravenhage I and II
Hogere Technische School, Groningen
Hogere Technische School, Haarlem
Hogere Technische School, Heerlen
Hogere Technische School, Hengelo
Hogere Technische School, 's-Hertogenbosch
Hogere Technische School, Hilversum
Hogere Technische School, Leeuwarden
Hogere Technische School, Rotterdam
Hogere Technische School, Rijswijk (ZH)
Hogere Technische School, Tilburg
Hogere Technische School, Utrecht I and II
Hogere Technische School, Venlo
Hogere Technische School, Vlissingen
Hogere Technische School, Zwolle
Bosbouw- en Cultuurtechnische School, Velp
Bijzondere Hogere Landbouwschool in Friesland, Leeuwarden

We are glad to state that in spite of serious staff problems 306 students from the greater part of our member countries were able to do their pracical training in the Netherlands this year.
332 of our students travelled over the whole world and gained new experiences in and impressions from many countries.
The exchange was made possible again by companies and governmental institutions many of which have supported us from the first years of IAESTE notwithstanding disappointments with students. Many thanks to every host and hostess who did a wonderful job.
Without their help and understanding our work would be impossible. It is a pity that also during this year we lost the cooperation of some companies, sometimes owing to bad experiences with students. In autumn our staff problems will be solved. Moreover we shall be supported additionally during September until December in our strong efforts to persuade new relations to offer us places. By offering more places we are hoping to enlarge our exchange in both ways and to regain the level we had before.
We are grateful to the governmental officials for quickly granting work permits and visas, and we thank them for the understanding and solving of suddenly arisen difficulties.
The Foreign Student Service was again a big support (accommodation and excursions). They and we thank the Dutch State Railways offering free travelling on excursion days.
We thank the other countries for their cooperation. Some of them experienced also difficulties which were overcome in good spirit and mutual understanding.

Participating employers:

Kwekerij Abbing B.V.
AKZO Nederland B.V.:
AKZO Chemie Nederland B.V., Locatie Amsterdam-N
AKZO Chemie Nederland B.V., Locatie Deventer
AKZO Zout Chemie Nederland B.V., Locatie Delfzijl
AKZO Zout Chemie Nederland B.V., Locatie Hengelo
Diosynth B.V., Oss
Articon B.V.
N.V. Kon. Ned. Machinefabriek v/h E. H. Begemann
Borg-Warner Chemicals
Brown Boveri Nederland B.V.
Electrostoom N.V.
B.V. Chevron Centrale Laboratoria
B.V. Chevron Petroleum Maatschappij
Darthuizer Boomkwekerijen en Zaadhandel B.V.
Van Doorne's Bedrijfswagenfabriek DAF B.V.
Dow Chemical (Ned.) B.V.
DSM Limburg B.V.
Stichting Energieonderzoek Centrum Nederland (ECN)
Eerste Nederlandse Cement Industrie (ENCI) N.V.
Ericsson Telefoonmaatschappij B.V.
Architectenbureau Ir. W.S. van de Erve
ESTEC — European Research and Technology Centre
N.V. Nederlandse Gasunie
Van Gelder Papier
Gemeente Energiebedrijf Amsterdam
Gemeente Energiebedrijf 's-Gravenhage
Gemeente Plantsoenen 's-Gravenhage
Gemeentebedrijven Eindhoven
Gemeentevervoerbedrijf Amsterdam
Gemeentewerken Rotterdam
Laboratorium voor Grondmechanica
Landinrichtingsdienst
Gemeente Drinkwaterleiding — Amsterdam
V.d Giessen-De Noord N.V.
Ir. W.C.A. van Heesewijk Bureau voor Ruimtelijke Ordening
Hoechst Holland n.V./Vestiging Vlissingen
Holec v/h Heemaf B.V.
Holec Schakelaargroep B.V.
Hoogovens IJmuiden B.V.
Architectenbureau Hopman B.V.
Hopmans & Olthoff Architecten N.V.
N.V. Heidemaatschappij Beheer
IBM Nederland N.V.
I.C.I. Holland B.V.
Instituut voor de Veredeling van Tuinbouwgewassen
Interlot B.V.
Directie Kadaster en Openbare Registers v/h Ministerie van Volkshuisvesting en Ruimtelijke Ordening
Architectenbureau Bart van Kasteel B.V.
KEMA — N.V. tot Keuring van Electrotechnische Materialen
Unie van Kunstmestfabrieken B.V.
Kruisheer + Hallink Architecten B.V.
Lummus Nederland B.V.
Landbouwhogeschool — Wageningen
Merck Sharpe & Dohme
Naarden International Holland B.V.
«NACO» B.V. Ned. Ontwerpbureau voor Luchthavens
N.A.M. — Ned. Aardolie Maatschappij B.V.
N.L.R. — Nationaal Lucht- en Ruimtevaartlaboratorium
N.V. Nederlandse Spoorwegen
Odink & Koenderink B.V.
Ingenieursbureau «Oranjewoud» B.V.
Koninklijke Nederlandse Papierfabrieken N.V.
N.V. Philips' Gloeilampenfabrieken
Philips' Telecommunicatie Industrie B.V.
Provinciaal Electriciteitsbedrijf van Noord-Holland
N.V. Provinciale Noordbrabantsche Electriciteits Maatschappij
Provinciale Waterstaat N. Brabant
N.V. Provinciale Zeeuwse Energie Maatschappij
Staatsbedrijven der Posterijen, Telegrafie en Telefonie — P.T.T.
B.V. R.E.M. v/h H. Croon & Co.
Rijksgebouwendienst
Rijkswaterstaat
B.V. Kon. Maatschappij «De Scheide»
Shell Internationale Petroleum Maatschappij B.V.
Shell Nederland Informatieverwerking
Shell Nederland Raffinaderij B.V.
Kon./Shell Exploratie en Produktie Laboratorium
Kon./Shell Laboratorium
Staatsbosbeheer
Ned. Standard Electric Mij B.V.
Stegeman B.V.
Coöp. Vereniging Suiker Unie u.a.
Kon. Machinefabriek Stork B.V.
MKSAC

Technische Hogeschool Delft
Afdeling Civiele Techniek
Afdeling Elektrotechniek
Afdeling Lucht- en Ruimtevaart-techniek
Afdeling Metaalkunde
Afdeling Technische Natuurkunde
Afdeling Scheepsbouw- en Scheepvaartkunde
Afdeling Werktuigbouw
Technische Hogeschool Eindhoven
Afdeling Elektrotechniek
Afdeling Technische Natuurkunde
Afdeling Scheikundige Technologie
Afdeling Werktuigbouwkunde
Technische Hogeschool Twente
Afdeling Chemische Technologie
Afdeling Elektrotechniek
Afdeling Technische Natuurkunde
Afdeling Werktuigbouwkunde
Afdeling Toegepaste Wiskunde
Thomassen & Drijver — Verblifa N.V.
TNO — Instituut voor Milieuhygiëne en Gezondheidstechniek
TNO Organisch Chemisch Instituut
Thomassen Holland B.V.
TEBODIN B.V.
Ned. Unilever Bedrijven B.V.
Unilever Research Laboratorium
Van den Bergh en Jurgens B.V.
Universiteit van Amsterdam
De Waal Archifoto
Waterloopkundig Laboratorium
F.C. de Weger Intern. B.V.
Dok- en Werf Mij. Wilton Fijenoord B.V.
Rijksdienst voor de IJsselmeerpolders

Nigeria

Participating institutions:

Ahmadu Bellow University, Zaria
Institute of Management & Technology, Enugu
Murtala College of Arts, Science & Technology, Makurdi
Nigeria School of Printing and Graphic Art, Lagos
Petroleum Institute, Warri
Sokoto State College of Technology, Sokoto
University of Benin, Benin-City
University College Hospital, Ibadan
University of Ife, Ile-Ife
University of Lagos, Lagos

Participating employers:

Afrotours International Ltd., Lagos
Dunlop Industries (Nigeria) Ltd. Ikeja
Nigeria Institute of Medical Research, Lagos

Norway

Participating institutions:

Ingeniørhøgskolene i Norge (Technical College in Norway)
Norges Tekniske Høgskole (The Norwegian Technical Highschool)
University of Oslo
University of Bergen
Norges Landbrukshøgskole (Agricultural Highschool of Norway)

The figures for 1979 are: 80 students sent and 92 students received. Compared with last year's exchange we have an increase in students sent 4 % and 7 % of students received.

We regret very much the case that three companies had to withdraw the training places they had offered because of the economic and production situation.
We wish to thank the firms and organizations who have offered training places for foreign students.
We also want to thank all the cooperating countries and give special thanks to countries who offered more training offers than we could offer.
We regret very much that one Canadian trainee died in a traffic accident in Norway this year.

Participating employers:

Bergen Kommune, Byutviklingsseksjonen
Bergensmeieriet
Buskerud Landbruksskole
Buskerud Vegkontor
Bærum Kommune, Reguleringsvesenet
Denofa og Lilliborg Fabrikker A/S
Elektrisk Bureau A/S
Elkem Spigerverket A/S
Engh og Selp Arkitektkontor A/S
Fellesmeieriet A/L
Forretningsbanken A/S
Fylkesarkitekten i Nord-Trøndelag
Geco A/S
Geoteam A/S
Hafslund A/S
Kaldnes mek. Verksted
Kværner Brug A/S
Kystdirektoratet
Landbruksteknisk Institutt, NLH
Luossavaara Kiirunavaara Aktiebolag
Mosjøen Aluminiumsverk
Nora Fabrikker A/S
Norcem A/S
Nordberg og Karlsen A/S
Norges Landbrukshøgskole
Norges Statsbaner
Norges Tekniske Høgskole
Norges Vassdrags- og Elektrisitetsvesen
Norsk Data A/S
Norsk Hydro A/S Karmøy Fabrikker
Norsk Hydro A/S Porsgrunn
Norsk Jernverk A/S
Norsk Rikskringkasting
Norsk Viftefabrikk A/S
Det Norske Veritas
NVE-Aura Verkene
Odda Smelteverk A/S
Oppland Vegkontor
Oslo Lysverker
Oslo Sporveier A/S
Oslo Vann- og kloakkvesen
Rørsystem A/S
Saga Petrokjemi A/S
Siemens A/S
Standard Telefon og Kabelfabrik
Statens Forskningsstasjon Særheim
Statens Teknologiske Institutt
Statens Vegvesen (Veglaboratoriet)
Stavanger Elektrisitetsverk
Kr. Stensrud & Søn A/S
Siv. ing. Elliot Strømme A/S
Brødr. Søyland
Trolla Brug
Tromsø Byplankontor
Trondheim Elektrisitetsverk
Trondheim Kommune
Universitetet i Bergen
Universitetet i Oslo
Vassdrags- og Havnelaboratoriet
Vegkontoret i Sør-Trøndelag
Vest-Agder Vegkontor
Årdal og Sunndal Verk A/S

Philippines

Participating institutions:

De La Salle University — Taft Avenue, Manila
Far Eastern University — C. M. Recto, Manila
Saint Louis University — Baguio City
University of the Philippines — Diliman, Quezon City
University of San Carlos — Cebu City

Participating employers:

Air Manila International
Bureau of Plant Industry (BPI)
Engineering Equipment, Inc.
Future Farmers of the Philippines
Ministry of Human Settlements
National Irrigation Administration (NIA)
Philex Mining Co.
Rizal Youth Development Foundation (RYDF)
Saint Louis University (SLU)

Poland

Participating institutions:

Politechnika Warszawska
Politechnika Gdanska
Politechnika Slaska
Politechnika Czestochowska
Politechnika Szczecinska
Politechnika Krakowska
Politechnika Lodzka
Politechnika Poznanska
Politechnika Wroclawska
Politechnika Bialostocka
Politechnika Swietokrzyska
Politechnika Rzeszowska
Akademia Gorniczo-Hutnicza w Krakowie
Uniwersytet Warszawski
Akademia Rolnicza SGGW w Warszawie
Akademia Rolnicza w Poznaniu
Akademia Rolniczo-Techniczna w Olsztynie
Akademia Rolniczo-Techniczna w Bydgoszczy
Wyzsza Szkola Rolnicza w Wroclawiu
Wyzsza Szkola Rolnicza w Szczecinie
Wyzsza Szkola Rolnicza w Krakowie
Wyzsza Szkola Rolnicza w Lublinie
Wyzsza Szkola Inzynierska w Koszalinie
Wyzsza Szkola Inzynierska w Opolu
Wyzsza Szkola Inzynierska w Radomiu
Wyzsza Szkola Inzynierska w Zielonej Górze

The exchange figures for 1979 show an increase in the number of students sent (17 %), while the number of students received remained unchanged compared with last year. The imbalance between the number of students sent (403) and students received (366) should be mainly ascribed to a relatively large number of foreign students' cancellations after nomination or even acceptance (29 cases).
Unfortunately, not all of the reserved offers — which we receive regulary — could be realised satisfactorily. Among the total number of offers which we received this year the reserved offers constituted 18 % = 78 offers! This causes considerable inconvenience to us, as some offers contain incomplete address, thus making it more difficult or even impossible to contact the student involved. Another problem is that quite often the students themselves fail to respond to our notification, or are not students any more.
In general, the exchange balance with most countries seems satisfactory; we would like to work on further development of the exchange.
We wish to express our sincere thanks and gratitude to Polish industries and institutions which participated with great interest in the IAESTE activities this year, as well as our appreciation and thanks to member Committees for their cooperation during this year's work.

Participating employers:

Bydgoskie Przedsiebiorstwo Budownictwa Mieszkaniowego
Bydgoskie Zaklady Przemslu Gumowego «STOMIL»
Biuro Projektow Budownictwa Ogólnego-Gdansk
Biuro Projektów Budownictwa Ogólnego-Warszawa
Biuro Projektów Ochrony Atmosfery
Centralne Laboratorium Ochrony Radiologicznej
Centralny Osrodek Badawczo-Projektowy Budownictwa Ogólnego
Centralny Osrodek Badawczo-Projektowy Budownictwa Przemysiowego «BISTYP»
Centralny Osrodek Badawczo-Projektowy Przemysiu Dziewiarskiego
Centralny Osrodek Badawczo-Rozwojowy Maszyn Wlokienniczych
Centralny Osrodek Badawczo-Rozwojowy Przemysiu Betoniarskiego
Centrum Komputerowych Systemów Automatyki i Pomiarów «MERA-ELWRO»
Centrum Produkcyjne Pneumatiku «PREMA»
Czestochowskie Zaklady Metalowe «DOGMOS»
Dyrekcja Okregowych Kolei Panstwowych Bydgoszcz
Debickie Zaklady Opon Samochodowych «STOMIL»
Dolnoslaskie Zaklady Metalurgiczne
Elektrownia-Blachownia
Elektrownia-Skawina
Fabryka Aparatury Elektromedycznej «FAMED-1»
Fabryka Maszyn Budowlanych «BUMAR-HYDROMA»
Fabryka Maszyn i Sprzetu Wiertniczego
Fabryka Samochodów Osobowych
Fabryka Silników Elektrycznych «TAMEL»
Fabryka Wyrobów Precyzyjnych im. Gen. Swierczewskiego
Gdanski Kombinat Budowy Domów
Gdanskie Przedsiebiorstwo Robót Drogowych
Instytut Automatyki Systemów Energetycznych
Instytut Badan Jadrowych
Instytut Biochemii i Biofizyki PAN
Instytut Chemii Fizycznej PAN
Instytut Chemii Organicznej PAN
Instytut Energetyki
Instytut Fizyki PAN
Instytut Fizyki Molekularnej PAN
Instytut Podstaw Informatyki PAN
Instytut Podstaowych Problemów Techniki PAN
Instytut Techniki Budowlanej
Jelczanskie Zaklady Samochodowe
Kaliskie Zaklady Koncentratów Spozywczych «Winiary»
Kieleckie Przedsiebiorstwo Robót Mostowych
Kombinat Budowlany-Bytom, Czestochowa, Gliwice, Poznan-Centrum
Kombinat Budownictwa Mieszkaniowego-Nowa Huta & Warszawa
Kombinat Budownictwa Ogólnego-Szczecin
Kombinat Budownictwa Ogólnego Zaglebie
Kombinat Przemysiowy Huta «Stalowa Wola»
Kombinat Rolny-Kietrz
Kopalnie Wegla Kamiennego: «Barbara», «Boleslaw Smialy», «Bobrek», «Czerwone Zaglebie», «General Zawadzki», «Gottwald», «Jaworzno», «Jowisz», «Katowice», «Marcel», «Miechowice», «Mysiowice», «Niwka Modrzejów», «Nowy Wirek», «Powstanców Slaskich», «Siemianowice», «Sieroza», «Szombierki», «Victoria», «Wujek», «Zabrze»
Kopalnia Wegla Brunatnego-Bogatynia & Piotrków Trybunalski
Krakowskie Przedsiebiorstwo Budownictwa Mieszkaniowego
Krakowskie Przedsiebiorstwo Robót Drogowych
Krakowskie Zaklady Betoniarskie i Zelbetowe
Krakowskie Zaklady Elektroniczne
Krakowskie Zaklady Przemysiu Gumowego «STOMIL»
Krakowskie Zaklady Przemysiu Nieorganicznego «Bonarka»
Krakowska Fabryka Aparatów Pomiarowych
Lokomotywownia PKP Gdynia
Lokomotywownia PKP Malbork
Lubuska Fabryka Zgrzeblarek Bawelnianych
Lubuskie Zaklady Aparatów Elektrycznych «MERA-LUMEL»
Lancucka Fabryka Srub
Lodzki Kombinat Budowlany

Odcinek Lacznosci Przewodowej Nr 1-Lublin
Oddzial Naprawy Maszyn Torowych PKP Gdansk
Oddzial Zmechanizowanych Robót Drogowych PKP-Gdansk & Poznan
Olkuska Fabryka Naczyn Emaliowanych
Olsztynskie Przedsiebiorstwo Produkcji Lesnej »Las»
Okregowy Zaklad Transportowy Maszyn Drogowych
Opolskie Zaklady Naprawy Samochodów
Okregowy Zarzad Lasów Panstwowych-Bialystok, Katowice, Krakow, Lublin, Olsztyn
Ostroleckie Zaklady Celulozowo-Papiernicze
Oswiecimskie Zaklady Naprawy Samochodów
Panstwowa Komunikacja Samochodowa Bionie & Wroclaw
Plockie Przedsiebiorstwo Robót Mostowych
Polskie Linie Lotnicze «LOT»
Pomorskie Zaklady Aparatury Elektrycznej
Poznanskie Przedsiebiorstwo Budowlane «BUDOPOL»
Poznanskie Zaklady Nawozów Fosforowych
Przedsiebiorstwo Automatyki Przemyslowej «MERA-PNEFAL»
Przedsiebiorstwo Robót Drogowych-Warszawa
Przedsiebiostwo Robót Górniczych-Gliwice & Sosnowiec
Przedsiebiorstwo Robót Kolejowych 15-Warszawa
Redakcja Tygodnika «Polska»
Rejon Budowy Dróg i Mostów-Rybnik
Rejon Dróg Publicznych-Elblag, Nakio, Sieradz, Tarnów
Rybnicka Fabryka Maszyn
Skawinskie Zaklady Koncentratów Spozywczych
Stocznia Gdanska im. Lenina
Szczecinskie Przedsiebiorstwo Budownictwa Ogólnego
Szczecinskie Przedsiebiorstwo Budownictwa Przemyslego
Warszawskie Przedsiebiorstwo Robót Drogowych
Wielkopolskie Przedsiebiorstwo Przemyslu Ziemniaczanego-Lubon
Wroclawskie Przedsiebiorstwo Budownictwa Przemyslowego
Wroclawskie Zaklady Wlókien Chemicznych «CHEMITEX»
Wytwórnia Sprzetu Komunikacyjnego «PZL-Gorzyce»
Zaklady Elektromaszynowe «CELMA»
Zaklady Elektryczne «EMA-ELESTER»
Zaklad Energetyczny-Lódz
Zaklad Energetyczny-Warszawa-Miasto
Zaklady Naprawowe Taboru Kolejowego
Zaklady Pomiarowo-Badawcze Energetyki «Energo-Pomiar»
Zaklady Tworzyw Sztucznych «Erg»
Zaklady Radiowe «UNITRA-ELTRA»
Zaklady Wlókien Chemicznych «Chemitex-Celwiskoz»
Zaklady Wytworcze Urzadzen Komunikacyjnych
Zaklady Wytwórcze Urzadzen Sygnalizacyjnych
Zaklady Urzadzen Technicznych «Zgoda»
Zaklady Zmechanizowanego Sprzetu Domowego
Zespól Elektrocieplowni-Lódz
Zespól Electrowni-Ostroleka

Portugal

Participating Institutions:

Escola de Regentes Agrícolas de Santarém
Faculdade de Ciências e Tecnologia da Universidade de Coimbra
Faculdade de Ciências da Universidade de Lisboa
Faculdade de Direito da Universidade de Lisboa
Faculdade de Engenharia da Universidade do Porto
Faculdade de Filosofia da Universidade Católica Portuguesa (Braga)
Faculdade de Letras da Universidade de Lisboa
Instituto Superior de Agronomia da Universidade Técnica de Lisboa
Instituto Superior de Ciências Humanas e Teológicas da Universidade Católica Portuguesa (Porto)

Instituto Superior de Economia da Universidade Técnica de Lisboa
Instituto Superior de Engenharia de Lisboa
Instituto Superior Técnico da Universidade Técnica de Lisboa
Instituto Universitário de Evora

This year we are happy to report a substantial improvement in our exchanges, in terms of both incoming (+21 %) and outgoing (+30 %) students. Some Portuguese firms who had interrupted their collaboration some years ago, joined again our exchanges. Some newcomers are warmly welcomed among the group of participating Companies. We also widened the number of participating Universities and Institutions by including more Portuguese Universities in our exchange. Both to the Portuguese firms who offered training places and to the foreign IAESTE Committees we express our sincere gratitude for their contribution. We also want to thank the Ministry of Education for a subsidy and the Ministry of Labour for granting as speedily as ever permits to the students from abroad. We acknowledge the good will of the Social Services of some Portuguese Universities who lodged our students in their hostels.

Participating employers:

Berait Tin & Wolfram de Portugal, SARL
CIMPOR-Cimentos de Portugal, E.P.
CNP-Companhia Nacional de Petroquímica, SARL
EFACEC-Empresa Fabril de Máquinas Eléctricas, SARL
E.D.P.-Electricidade de Portugal, E.P.
E.D.P.-Zona Distribuição de Lisboa
E.D.P.-Zona de Distribuição de Seia
FERUNI-Sociedade de Fundição, SARL
HOVIONE-Sociedade Industrial e Comercial de Produtos Químicos, Lda.
Laboratório de Física e Engenharia Nucleares
Laboratório Nacional de Engenharia Civil
LISNAVE-Estaleiros Navais de Lisboa, SARL
PETROGAL-Petróleos de Portugal, SARL
PORTUCEL-Empresa de Celulose e Papel de Portugal, E.P.
Plessey Automática Eléctrica Portuguesa, SARL
PROFABRIL-Centro de Projectos, SARL
QUATRUM-Empresa Nacional de Química Orgânica, SARL
SAPEC-Produits et Engrais Chimiques du Portugal, SARL
SECIL-Companhia Geral de Cal e Cimentos, SARL
Setenave-Estaleiros Navais de Setúbal, SARL
Shell Portuguesa, SARL
Siderurgia Nacional, E.P.
SOREFAME-Sociedades Reunidas de Fabricaçoes Metálicas, SARL
Standard Eléctrica, SARL
Telefones de Lisboa e Porto, E.P.

South Africa

No report received

Spain

Participating institutions:

Universidad Politécnica de Barcelona
- Escuela Técnica Superior de Arquitectura
- Escuela Técnica Superior de Ingenieros de Caminos, Canales y Puertos
- Escuela Técnica Superior de Ingenieros Industriales
- Escuela Técnica Superior de Ingenieros Industriales de Tarrasa
- Escuela Técnica Superior de Ingenieros de Telecomunicación
- Escuela Técnica Superior de Ingenieros Agrónomos de Lérida

Universidad de Barcelona
Facultad de Ciencias (Químicas)
Universidad de Bilbao
Escuela Técnica Superior de Ingenieros Industriales
Universidad Politécnica de Madrid
Escuela Técnica Superior de Ingenieros Aeronáuticos
Escuela Técnica Superior de Ingenieros Agrónomos
Escuela Técnica Superior de Arquitectura
Escuela Técnica Superior de Ingenieros de Caminos, Canales y Puertos
Escuela Técnica Superior de Ingenieros Industriales
Escuela Técnica Superior de Ingenieros de Minas
Escuela Técnica Superior de Ingenieros de Montes
Escuela Técnica Superior de Ingenieros Navales
Escuela Técnica Superior de Ingenieros de Telecomunicación
Escuela Técnica Superior de Ingenieros Electromecánicos del I.C.A.I.
Escuela Universitaria de Ingeniería Técnica Industrial
Universidad Complutense de Madrid
Facultad de Físicas
Facultad de Biológicas
Facultad de Matemáticas
Facultad de Químicas
Universidad Autonoma de Madrid
Facultad de Químicas
Universidad de Murcia
Facultad de Ciencias
Universidad de Oviedo (Asturias)
Escuela Técnica Superior de Ingenieros de Minas
Escuela Técnica de Ingenieros de Minas de León
Facultad de Ciencias (Químicas)
Universidad de Sevilla
Escuela Técnica Superior de Arquitectura
Escuela Técnica Superior de Ingenieros Industriales
Universidad Politécnica de Valencia
Escuela Técnica Superior de Ingenieros Agrónomos
Escuela Técnica Superior de Ingenieros de Caminos, Canales y Puertos
Escuela Técnica Superior de Ingenieros Industriales
Universidad de Valencia
Colegio Universitario de Castellón
Facultad de Químicas

This year showed again an increase of Spanish students sent (+ 12 %), as well as a similar growth in the number of foreign trainees received, which is most satisfactory in view of the fact that the very depressed situation of our country's economy, industry and labour has not improved at all.
A large number of employers took a long time until deciding to accept foreign students, and the late reception of many offers caused some regrettable unbalances in our exchange with a number of member countries.
The still high inflation rate was an additional source of problems, because in some cases it caused that the payments to trainees budgeted by the employers several months before turned out to be not sufficient for the actual living expenses. Within our very limited resources, our Committee tried to help out whenever possible, but unfortunately this assistance could not be extended to all.
These problems will be solved to the greatest feasible extent during the next exchange season.
A considerable number of new Spanish institutions have applied for membership, and with the support of the Polytechnic University of Barcelona, a branch office is being organized there for supporting the exchange activities, reception services, etc. which we hope will be a very positive contribution to our performance in the Barcelona region.

We cannot omit to state our sincere gratitude to all those who supported our Committee, with special mention of the Spanish Ministry of Education and Science (Directorate for International Cooperation), the Madrid Chamber of Commerce and the firms and organizations which granted the traineeships, sometimes under the greatest difficulties.

Participating employers:

Abengoa, S.A.
Agua y Estructuras, S.A. «AYESA»
Aitemín
Ames, S.A.
Andaluza de Piritas, S.A.
Andrés Perea Ortega, Architect
Antonio Velez Catrain, Architect
Arquitectura Técnica Urbanismo
Asland, S.A.
Astano, S.A.
Astilleros Españoles, S.A.
Astilleros de Mallorca, S.A.
Auxini, Empresa Auxiliar de la Industria, S.A.
Bosch-Botey-Cuspinera, Architects
Campamentos para prácticas de Geología
Centro de Estudios Hidrográficos
Cimentaciones Especiales, S.A.
Citesa
Climent Ortiz & Mendez Attard, Architects
Compañía Andaluza de Minas
Compañía Alicantina de Promociones Immobiliarias, S.A.
Compañía Azufre y Cobre de Tharsis
Compañía Española de Petroleos, S.A.
Compair Iberica, S.A.
Compañía Telefónica Nacional de España
Confederación Hidrográfica del Duero
Confederación Hidrográfica del Guadiana
Confederación Hidrográfica del Tajo
Consejo Superior de Investigaciones Cientificas
Construcciones Aeronáuticas, S.A.
Corporación Metropolitana de Barcelona
Cubiertas y MZOV, S.A.
Departemento Forestal del CRIDA 01
Diputación Provincial de Barcelona
Dirección General de Carreteras
Diseño y Técnica
Dragados y Construcciones, S.A.
Ecisa Compañía Constructora
Emilio García de Castro, Architect
Empresa Nacional Adaro de Investigaciones Mineras, S.A.
Empresa Nacional del Petroleo, S.A.
Empresa Nacional Hulleras del Norte, S.A. — HUNOSA
Empresa Nacional Siderometalúrgica, S.A. — ENSIDESA
Eptisa — Ghesa — Trsa, Empresarios Agrupados
E.T.S. de Ingenieros Agronomos de Valencia
Escuela Técnica Superior de Arquitectura de Barcelona
Española del Zinc, S.A.
Estesa
Estudio de Arquitectura
Estudio Berna
Estudio Llimona-Ruizvalles
Fagor Electrotécnica S. Coop.
Ferrovial, S.A.
Finca San Miguel y el Pas
Fuerzas Eléctricas de Cataluña, S.A.
Fuerzas Eléctricas del Noroeste, S.A.
Fundación Universidad Empresa
Gas Madrid, S.A.
Glucosa y Derivados, S.A.
Grupo de Puerto de Valencia
Hidroeléctrica Española, S.A.
Hidroeléctrica Ibérica «Iberduero» S.A.
Hijos de J. Barreras, S.A.
Hispano Olivetti, S.A.
Hullera Vasco Leonesa
Iberia, Líneas Aéreas de España
IBM, SAE
Ideal Internacional, S.A.
I.N.C.E.
Industrias Químicas de Navarra
Instituto Nacional del Carbón y sus Derivados «Francisco Pintado Fe»
Instituto Nacional de Reforma y Desarrollo Agrario
Isodel Sprecher, S.A.
Laboratorio de Ensayos e Investigaciones Industriales «L. José de Torróntegui»
La Maquinista Terrestre y Maritima, S.A.
La Seda de Barcelona, S.A
Leopoldo Gil Nebot, Architect
Martorell-Bohigas-Mackay, Architects
Metalquímica del Nervión, S.A.
Minas de Potasa de Suria, S.A.
Montoya, Decorador
Nuñez y Navarro, Architects
Organón Española, S.A.
Petroleos del Mediterraneo, S.A.
Potasas de Navarra, S.A.

Productos Químicos del Mediterraneo, S.A.
Puerto de Palma de Mallorca
Realización y Consulta, S.A.
Rio Tinto Patiño, S.A.
Sercal, S.A.
Servicio de Construcciones de Transportes, Generalita de Catalunya
Servicio Geológico de Obras Públicas
Siemens, S.A.
Sintel, S.A.
Sociedad Anónima Cros
Sociedad Anónima Fundiciones de Calidad «Metacal»
Sociedad Española de Carburos Metálicos, S.A.
Sociedad Española de Radiodifusión — SER
Sociedad General de Aguas de Barcelona
Sociedad Nacional Industrias Aplicaciones Celulosa Española
Sociedad Productora de Fuerzas Motrices, S.A.
SPAI
Técnicas Reunidas, S.A.
Tubacex — C. E. de Tubos por Extrusión, S.A.
Tubos del Nervión, S.A.
Unión Carbide Ibérica, S.A.
Unión Eléctrica, S.A.
Unidad Hermética, S.A.
Unión Naval de Levante, S.A.
Vicrila, S.A.

Sudan

No report received

Sweden

Participating institutions:

The Royal Institute of Technology, Stockholm
Chalmers Institute of Technology, Gothenburg
The University of Technology, Lund
The University ofTechnology, Linköping
The University of Technology, Luleå
The University of Stockholm
The University of Uppsala
The University of Lund
The University of Linköping
The University of Umeå
The Royal College of Forestry, Stockholm
The School of Mining in Filipstad
Technical colleges in:
Stockholm
Lund
Helsingborg
Växjö

After several years of decline in exchange activities we are pleased to be able to report a considerable increase in the number of students received 1979 compared with the last two years and express our sincere thanks to all participating employers.

We regret the inconveniences caused by the cancellation of all offers from one of our major contributors, owing to a change of plans concerning summer closure. Luckily some new offers, received late, made it possible for us to compensate most of the committees involved.

Also, more offers were available for Swedish students this year than the year before. Unfortunately, some withdrawals could not be avoided, and in spite of our efforts substitutes could not always be found. We wish to apologize for the extra work caused by these withdrawals.
In spite of the increase in exchange figures, less than half of the Swedish applicants were able to receive an offer of training through IAESTE this year. We sincerely hope that a further improvement in exchange activities will make if possible to satisfy this great demand for training abroad.

Participating employers:

AB Alfort & Cronholm, Stockholm
A-Betong AB, Växjö
A-Betong AB, Vislanda
Armerad Betong Vägförbättringar AB, Göteborg
Armerad Betong Vägförbättringar AB, Malmö
Armerad Betong Vägförbättringar AB, Solna
ASSI AB, Statens Skogsindustrier, Piteå
AB Atomenergi, Nyköping
Boliden Kemi AB, Helsingborg
Boliden Metall AB, Boliden
Carlstedts Arkitektbyrå, Stockholm
AB Celloplast, Norrköping
Cementa AB, Slite
Cloetta, Svenska Chokladfabriks AB, Ljungsbro
Dan Agency, Stockholm
Dynapak Maskin AB, Karlskrona
AB Electrolux, Västervik
AB Felix, Eslöv
AB Fortia-Pharmacia-Fine Chemicals, Uppsala
Gatukontoret, Göteborg
Gatukontoret, Lund
AB Gekonsult, Stockholm
Gränges Aluminium, Finspång
Grängesbergs Bryggerier AB, Grängesberg
Gränges Nyby AB, Torshälla
Gullfiber AB, Billesholm
Gullspångs Kraft AB, Örebro
Göteborgs Botaniska Trädgård, Göteborg
Göteborgshem, Göteborg
Göteborgs Vatten- och Avloppsverk, Göteborg
Halmstads Gatukontor, Halmstad
Halmstads Jernverks AB, Halmstad
HIAB FOCO AB, Hudiksvall
Hilleshögs Frö AB, Landskrona
Holmens Bruk AB, Norrköping
Huddinge Kommun, Stadsingenjörskontoret, Huddinge
Hägglund & Söner, Örnsköldsvik
Husqvarna AB, Örnsköldsvik
AB Hässle, Mölndal
IFÖ Kampri AB, Mörrum
Lars Jönssons Charkuterifabrik AB, Malmö
Kalmar Varv AB, Kalmar
AB Karlshamns Oljefabriker, Karlshamn
Kema Nord, Division Industrikemi, Ljungaverk
Kema Nord, Stockviksverken, Sundvall
Kristianstads Kommun Gatukontoret, Kristianstad
Lidköpings Mek Verkstad AB, Lidköping
Linköpings Kommun, Stadsplanekontoret, Linköping
Loussavaara-Kiirunavaara AB, Kiruna
LKAB prospektering AB, Stockholm
AB Nils P. Lundh, Malmö
Malmö Industriverk, Malmö
Maskinbyggnad AB, Götene
Nitro Nobel AB, Gyttorp
Nya Asfalt AB, Malmö
Svenska Philips AB, Stockholm
Perstorps AB, Perstorp
Precon AB, Falkenberg
AB Pripps Bryggerier, Tingsryd
AB Rifa, Kalmar
AB ROBO, Linköping
SAAB-SCANIA, Södertälje
SAB Industri AB, Landskrona
Sala International, Sala
Sandvik AB, Sandviken
Scan Väst ek. för. Varberg
AB SKF, Göteborg
Skånemejerier ek. för. Tomelilla
Skånska Cementgjuteriet, Göteborg
SMT-Pullmax AB, Göteborg
Stadsarkitektkontoret, Trelleborg
Stadsingenjörskontoret, Lund
STAL-LAVAL Turbin AB, Finspång
Statens Centrala Frökontrollanstalt, Solna
Statens Livsmedelsverk, Uppsala
Statens Utsädeskontroll, Solna
Statens Vattenfallsverk, avd EKS, Vällingby
Statens Vattenfallsverk, Marvikenverken, Vikbolandet
Statens Vägverk, Vägförv. i Stockholms län, Solna
Statens Vägverk, Vägförv, i Värmlands län, Karlstad

Statens Vägverk, Vägförv. i Västernorrlands län, Härnösand
Statens Vägverk, Nordvästra Byggnadsdistriktet, Karlstad
Statens Vägverk, Västra Byggnadsdistriktet, Göteborg
Statens Vägverk, Östra Byggnadsdistriktet, Solna
Statens Vägverk, Södra Byggnadsdistriktet, Kristianstad
Stockholms Gatukontor, Driftavdelningen, Gatubyrån
Stockholms Gatukontor, Byggnadsavdelningen, Egenregibyrån
Stockholms Gatukontor, Utredningsavdelningen, Tekniska nämnden
Stockholms Parkförvaltning
Studsvik Energiteknik AB, Nyköping
Supra AB, Landskrona
AB Svenska Fläktfabriken, Växjö
Svenska Mejeriernas Riksförening, Malmö
Svenska Tobaks AB, Stockholm
Svenska Träforskningsinstitutet Stockholm
Svenska Vägaktiebolaget, Göteborg
Svenska Vägaktiebolaget, Solna
Sveriges Lantbruksuniversitet — Skogshögskolan, Inst för skogstaxering, Stockholm
Sveriges Lantbruksuniversitet, Inst för skogsgenetik, Uppsala
Sveriges Utsädesförening, Svalöv
Södertälje Kommun, Stadsarkitektkontoret, Södertälje
Tekniska Verken, Elverket, Eskilstuna
Tekniska Verken, Västerås
Telefon AB, LM Ericsson, Karlskrona
Televerket, tekn. avd. Farsta
Tour & Andersson AB, Kungsör
Trelleborgs Gummifabriks AB, Trelleborg
Uddcomb Sweden AB, Karlskrona
Uddeholms AB, Div. Plåt, Degerfors
Unifos Kemi AB, Stenungsund
VBB Vattenbyggnadsbyrå, Malmö
Uppsala Kommuns Gatukontor, Uppsala
W Weibull AB, Landskrona
AB Vin- och Spritcentralen, Falkenberg
AB Volvo, Göteborg
Västerviks Gatukontor, Västervik
Ytkemiska Institutet, Stockholm
Åkermans Verkstads AB, Eslöv

Switzerland

Participating institutions:

Ecole Polytechnique Fédérale de Lausanne
Eidgenössische Technische Hochschule Zürich
Universität Basel
Universität Bern
Université de Fribourg
Université de Genève
Université de Lausanne
Université de Neuchâtel
Universität Zürich
Ingenieurschule beider Basel, Muttenz
Ingenieurschule Biel
Ingenieurschule Neu-Technikum Buchs
Höhere Technische Lehranstalt (Ingenieurschule) Brugg-Windisch
Ingenieurschule Burgdorf
Ecole d'Ingénieurs de Fribourg
Ecole d'ingénieurs de Genève
Ecole d'Ingénieurs du Canton de Neuchâtel, Le Locle
Scuola Tecnica Superiore del Cantone Ticino, Lugano-Trevano
Zentralschweizerisches Technikum Luzern Ingenieurschule
Interkantonales Technikum Rapperswil (Ingenieurschule)
Technikum Winterthur Ingenieurschule

With 331 foreign students received against 266 Swiss students sent we have exchanged 20 percent more trainees this year than in 1978. Both sides of the exchange have grown; the number of outgoing students is the highest in the history of Swiss IAESTE participation. We are grateful to our exchange partners in 38 member countries for their help in achieving this result.

The fact that the 26 Swiss cantons are largely autonomous in questions of work permits is still hampering our activity, as we have to deal with each canton separately and are sometimes asked to fulfil time-consuming formalities. We apologise to other committees for any delays caused by such complications. In this connection, we thank the Swiss Federal Aliens' Police for speeding up the procedure in several cases.

We also acknowledge gratefully the hospitality of the following firms and institutions whom we visited with groups of foreign trainees on one-day outings: Brauerei A. Hürlimann AG, Zürich; H. Djévahirdjian SA, Monthey; Eidgenössisches Institut für Reaktorforschung, Würenlingen; Suiselectra Ingenieurunternehmung AG, Basel; Gebrüder Sulzer AG, Winterthur, and Swissair, Zürich-Airport.

Finally we thank the Swiss employers listed hereafter who received foreign student trainees during the last two years. Their goodwill and openmindedness is at the base of all our activities.

Participating employers:

Aargauische Zentralmolkerei Suhr
Accumulatoren-Fabrik Oerlikon
Aebi & Co. AG
Agie AG für industrielle Elektronik
Aluminiumwerke AG
Ateliers de Constructions Mécaniques de Vevey SA
Ateliers des Charmilles SA
Atlantis Energie AG
Autophon Aktiengesellschaft
E. Bänninger
Baudepartement Basel-Stadt
Roger Baudère
Baumann & Cie. AG
BBC Aktiengesellschaft Brown, Boveri & Cie
Baden
Zürich-Oerlikon
Ewald Benz
Bernische Kraftwerke AG
Berneux & Cherbuin
Bezirksforstamt Toggenburg
Fritz Bieri
Werner Bigler
Franco Bircher
J. Bobst & Fils SA
P. Bösiger-Gerber
Brauerei A. Hürlimann AG
Brauerei zum Warteck AG
Bucher-Guyer AG
Kaspar Buchmann
Maschinenfabrik Burckhardt AG
Burckhardt & Partner
Butterzentrale Gossau
SA des Câbleries et Tréfileries de Cossonay
Cardinal Brauerei Wädenswil AG
Cerberus AG
Chocolat Frey AG
Ciba-Geigy AG
Conserves Estavayer SA
Dätwyler AG
Département des Travaux Publics Genève
R. Dieffenbach
Dixi SA, Usine 2
Ecole Polytechnique Fédérale Lausanne
Chaire de Béton Armé
Chaire d'Electrométrie
Département de Physique
Institut de Chimie-Physique
Institut de Génie Chimique
Institut de Machines Hydrauliques
Laboratoire de Génie Atomique
Laboratoire de Géotechnique
Eidg. Anstalt für forstliches Versuchswesen
Eidg. Anstalt für Wasserversorgung, Abwasserreinigung und Gewässerschutz
Eidg. Forschungsanstalt für landwirtschaftlichen Pflanzenbau
Eidg. Institut für Reaktorforschung
Eidg. Materialprüfungs- und Versuchsanstalt
Eidgenössische Technische Hochschule Zürich
Geobotanisches Institut, Stiftung Rübel
Hybrid-Rechenzentrum
Institut für Grundbau und Bodenmechanik
Institut für Kulturtechnik
Institut für Mess- und Regeltechnik
Mikrobiologisches Institut
Institut für Pflanzenbau

Institut für Technische Physik
Institut für Textilmaschinenbau und Textilindustrie
Institut für Tierproduktion
Institut für Verkehrsplanung und Transporttechnik
Institut für Waldbau
Mathematisches Seminar
Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie
Eidg. Vermessungsdirektion
Elcalor AG
Elektrizitätswerk der Landschaft Davos
Elektrizitätswerk der Stadt Zürich
Elektrowatt Ingenieurunternehmung AG
Emch & Berger AG
Emser Werke AG
Erni & Co.
Escher-Wyss AG
Max Fankhauser
Farner & Winzer
Fides Treuhandgesellschaft
Ingenieurbüro H. R. Fietz AG
Georg Fischer AG
Friedrich-Miescher-Institut
Gemüsezentrale Tägerwilen
Willy Gerber
Gesellschaft des Aare- und Emmenkanals
Gebrüder Gfeller
Givaudan SA
Gruner AG
Gutsbetrieb Bally
Hasler AG
Hans Haudenschild
Chr. Häusler AG
Hilti AG
Hochbauamt des Kantons Zürich
F. Hoffmann-La Roche & Co. AG
Thomas Hofstetter
Holderbank Management & Beratung AG
Hans Hostettler
Ingenieurbüro Fritz Hürzeler
Interfood SA
Inventa AG
H. Joss
Christian Jufer
Kabelwerke Brugg AG
Karton- und Papierfabrik Deisswil AG
Kernkraftwerk Gösgen-Däniken AG
Konservenfabrik Bischofszell AG
Laboratorium für experimentelle Chirurgie
Laiteries Réunies
Landert-Motoren-AG
Franz Lerch
U. Leuenberger
LGZ Landis & Gyr Zug AG
Locher & Cie. AG
Lonza AG
Losinger AG
Dr. R. Maag AG
Maag-Zahnräder AG
AG Ingenieurbüro Maggia
Ingenieurbureau F. Matter AG
Gebr. Matter AG Fama
Meto-Bau AG
Mettler Instrumente AG
Hans Meyer-Gantner
Mibelle AG
Migros-Genossenschaftsbund
Motor-Columbus Ingenieur-unternehmung AG
Obrist & Partner
Observatoire de Genève
Organisation Zoller
Osterwalder AG
Pfister AG
Werner Plüss
Provins Valais
Raffinerie de Cressier SA
Rapid Maschinen und Fahrzeuge AG
Werner Rathgeb
Erwin Regez
Reishauer AG
Maschinenfabrik Rieter AG
O. Roth & Co. AG
Rothpletz, Lienhard & Cie. AG
Maschinenfabrik Rüti AG
K. Rütschi AG
Sandoz AG
Adolph Saurer AG
Fritz Scheidegger
J. Schenkel
Schindler & Schindler
Schindler Waggon AG
Schmid-Parkettfabrik-Alpnach
A. Schwab-Plattner
Schweissindustrie Oerlikon-Bührle AG
Schweiz. Aluminium AG Chippis Neuhausen
Schweiz. Bankgesellschaft
Schweiz. Institut für Nuklearforschung
Schweiz. Isola-Werke
Schweiz. Lokomotiv- und Maschinenfabrik
Schweiz. Wagons- und Aufzügefabrik
Scintilla AG
SA des Ateliers de Sécheron
Siemens-Albis AG
SIG Schweiz. Industrie-Gesellschaft
Etablissements SIM SA
Simonet AG
H. Spiess
Sprecher & Schuh AG
E. Stalder-Häberli

Standard Telephon & Radio AG
Starrfräsmaschinen AG
Friedrich Steinfels AG
Gebr. Stofer
Willi Studer
Hans Stürzinger
Suiselectra Ingenieurunternehmung AG
Gebrüder Sulzer AG
  Winterthur
  Zuchwil
Suter & Partner
Suter & Suter AG
Swissair Photo & Vermessungen AG
Swissair, Schweiz. Luftverkehr AG
Technikum HTL für Obst-, Wein- und Gartenbau
Tiefbauamt des Kantons Zürich
Toni-Molkerei
  Chur
  Zürich
Familie Trachsel
E. & E. Tschudin
Hans Uebelhard-Egger
Th. Uebelhard
Université de Genève, Département de Minéralogie
Verbandsmolkerei Region Bern AG
Ville de Genève, Voirie et Nettoiement
Hans Vögeli
H. Wagner-Nydegger
Wandfluh AG
Werkzeugmaschinenfabrik Oerlikon-Bührle AG
Bernhard Winzeler
Hans von Wurstemberger
Zellweger Uster AG
SA Conrad Zschokke
Hermann Zulauf AG
Zweifel & Co. AG

Syria

Participating institutions:

University of Aleppo
  Faculty of Engineering
  Faculty of Agriculture and Center of Research
  Faculty of Commerce and Economics
  Faculty of Basic Science
University of Damascus
  Faculty of Civil Engineering and Architecture
  Faculty of Electrical and Mechanical Engineering
  Faculty of Basic Science
  Faculty of Pharmacy
  Faculty of Fine Arts
  Faculty of Agriculture
University of Lattakia
  Faculty of Civil Engineering
  Faculty of Basic Science
  Faculty of Agriculture and Forestry

The exchange figures for the year 1979 show an increase compared with the year 1978. 33 students were sent and 35 foreign students were received, still the number of cancellations is regrettable.
We wish to express our gratitude to all Syrian industries who had cooperated in offering practical training to foreign students and to all IAESTE members for their kind cooperation.

Participating employers:

Al-Shahba Ciment Factory, Aleppo
Adra Sugar Company, Damascus
Arabian Ciment and Building Materials, Aleppo
Electrical Directory of Northern Region, Aleppo
Electrical Directory of Southern Region, Damascus
Faculty of Agriculture, Center of Research, Aleppo
Foire Internationale de Damas
Furat Company, Aleppo

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The General Administration of Water Supply, Aleppo
The General Establishment of Sugar in Maskane, Aleppo
The Syrian Arab Company for Electronical Industry, Damascus
The Syrian Battery and Liquid Gaz, Aleppo
The Syrian Industrial Company for Vegetables Oil, Aleppo
The Syrian Railways, Aleppo
THAMICO — The Medical Arab Company, Damascus
Union of Architects, Faculty of Engineering, University of Aleppo

Thailand

Participating institutions:

King Mongkut's Institute of Technology, North Bangkok Campus
King Mongkut's Institute of Technolgy, Ladgrabang Campus

This year 11 foreign students were accepted on the available 16 offers for training in Thailand. This is an increase of almost 4 times in comparison to last year's exchange programme, during which we were first accepted as a cooperating institution. We are working towards the goal of inviting and persuading more firms in our industry to participate more actively in the student exchange scheme. We hope to be more successful in the near future.
Our students who had completed their training overseas last year and those participating this year have so far reported to us their enjoyable and knowledgeable stay during their practical training overseas. We wish to express our sincere thanks to those member countries which have made their trips so beneficial and pleasant.

Participating employers:

Thai-German Dockyard Constructors
The National Housing Authority, Policy and Planning Office
Pressure Container Industry Corp. Ltd.
Siam Chemicals Co. Ltd.
Siriwiwat (1972) Co. Ltd
The Rubber Research Centre, Dept. of Agriculture and Cooperatives

Tunisia

Participating institutions:

Ecole Nationale d'Ingénieurs de Gabès
Ecole Nationale d'Ingénieurs de Tunis
Ecole Normale Supérieure de l'Enseignement Technique
Institut National d'Agronomie de Tunis
Centre de Recherche du Génie Rural

Participating employers:

Société Tunisienne d'Electricité et du Gaz
Centre de Recherche du Génie Rural
Société Nationale d'Exploitation et de Distribution des Eaux
Ateliers de Construction Mécnique de Gabès
Ministère d'Equipement
Société Nationale Immobilière de Tunisie
Société Nationale de Chemins de fer Tunisiens
Industries Chimiques N.P.K.
Industries Chimiques Maghrébines

Ecole Nationale d'Ingénieurs de Tunis
Société Industrielle d'Acide Phosphorique et d'Engrais
Les Ciments de Bizerte
Régie Nationale des Tabacs et Allumettes
El Anabib
Société Régionale de Transport du Gouvernerat de Sfax
Carrières d'Exploitation de Marbre
Société de Fonderies Mécaniques
Société de Transport de Marchandises
Céramiques Tunisiennes
Société Industrielle de Carosseries Automobiles
Société Nationale de Transport
Office National d'Assainissements
Société Générale d'Industries Textile
Société de Promotion de Logements Sociaux

Turkey

Participating Institutions:

Istanbul Teknik Üniversitesi
Istanbul Üniversitesi Fen Fakültesi
Istanbul Üniversitesi Kimya Fakültesi
Istanbul Üniversitesi Orman Fakültesi
Istanbul Üniversitesi Veteriner Fakültesi
Ankara Üniversitesi Fen Fakültesi
Ankara Üniversitesi Ziraat Fakültesi
Ankara Üniversitesi Veteriner Fakültesi
Ankara Üniversitesi Eczacilik Fakültesi
Orta Dogu Teknik Üniversitesi
Ege Üniversitesi Ziraat Fakültesi
Ege Üniversitesi Gida Fakültesi
Ege Üniversitesi Insaat Fakültesi
Ege Üniversitesi Makina Fakültesi
Ege Üniversitesi Yer Bilimleri Fakültesi
Ege Üniversitesi Kimya Fakültesi
Ege Ünivesitesi Tekstil Fakültesi
Atatürk Üniversitesi Ziraat Fakültesi
Karadeniz Teknik Üniversitesi
Bogaziçi Üniversitesi
Hacettepe Üniversitesi Mühendislik Fakültesi
Firat Üniversitesi Veteriner Fakültesi
Çukurova Üniversitesi Ziraat Fakültesi
Bursa Üniversitesi Makina Fakültesi
Bursa Üniversitesi Elektrik Fakültesi
Istanbul Devlet Mühendislik ve Mimarlik Akademisi
I.D.M.M.A. Galatasaray Mühendislik Y. Okulu
I.D.M.M.A. Isik Mühendislik Y. Okulu
I.D.M.M.A. Vatan Mühendislik Y. Okulu
Ankara Devlet Mühendislik ve Mimarlik Akademisi
A.D.M.M.A. Ankara Mühendislik ve Mimarlik Y. Okulu
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The number of UK offers was not as high as expected this year due to the cancellation of all the Forestry Commission offers. However, the Executive Committee has turned its full and immediate attention to the problem of increasing the number of offers available in the UK for the 1980 exchange year and it is hoped that there will be a marked improvement.

We wish once again to express our thanks to all those organisations which have generously provided work placements, to the Central Bureau for Educational Visits and Exchanges which provides the IAESTE (UK) secretariat and support services, and to the British Council and Shell International Petroleum Company Limited for their much appreciated continued financial assistance. Our thanks are also due to those who have offered accommodation to incoming students at realistic prices, to our representatives in affiliated institutions and to all our friends in the IAESTE offices overseas.

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IAESTE/US is pleased to report that the rebuilding of the program in the United States which began several years ago continued in 1979 with a further increase in placements — approximately 21% in the number of American students placed overseas and approximately 23% in the number of trainees from other countries placed in the United States. We are especially pleased that the 1979 placements have included 1 trainee from Colombia, 4 from Egypt, 1 from Jordan, 1 from the Philippines, and 1 from Thailand.

The IAESTE/US commitment to expanded international work experience for students enrolled in cooperative education and sandwich training programs continued during the year. Of particular importance during the year was the First World Conference on Cooperative Education held in May at Brunel University near London and organized by the British Universities Committee on Cooperative Education which IAESTE/US helped to publicize in the United States.

Once again, IAESTE/US wishes to express special appreciation to the following for their financial contributions to the work of IAESTE: Amax Foundation, Inc.; Amoco Foundation, Inc.; Colt Industries Charitable Foundation; Deere & Company; Eastman Kodak Company; Exxon Corporation; Ford Motor Company Fund; General Electric Company; Giddings & Lewis Foundation; Hyatt Hotels Corporation; IBM Corporation; Pioneer Hi-Bred International; Price Waterhouse & Co.; The Rouse Company; A. E. Staley Manufacturing Company; Universal Oil Products Foundation; Western Electric Company Fund; and the Xerox Corporation.

We also wish to again express our thanks to the various officials of the U.S. Government who assist the on-going operation of the program in many ways. In particular, our appreciation is extended to the Cultural Affairs Officers and Consular Officers of U.S. Embassies overseas; to the staff of the Educational and Cultural Affairs Directorate of the U.S. International Communication Agency; to officials of the U.S. Department of State; officials of the U.S. Office of Education; and officials of the U.S. Immigration and Naturalization Service. We wish to also again express our appreciation for the cooperation of officials of foreign embassies in Washington, D.C. — especially the Embassies of Egypt, Finland, Poland, Switzerland, and Yugoslavia. Finally, our thanks again to U.S. employers, professors and staff at American schools, and to our colleagues in each of the other National IAESTE Committees.

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The number of Yugoslav students who participate each year seems to fluctuate upward and downward without any apparent basic reason. This year the number of students sent was 158 (compared with 121 in 1978), and the number of students received 123 (compared with 104 last year).
We are glad to record that the number of students withdrawing after nomination has been reduced this year.
As a matter of fact the number of cancellations was less (9) than the previous year (14), but still considerable.
Once again, IAESTE-Yugoslavia wishes to express special thanks to the COMMUNITY FOR SELECTIVE EDUCATION (ZAJEDNICA ZA USMERENO OBRAZOVANJE) for their financial contribution and understanding for our work.
We are also grateful to all national committees for their pleasant co-operation.
Finally, we wish to express our most sincere appreciation to the Yugoslav companies, universities and institutions for their kind assistance in carrying out the IAESTE programme.

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IAESTE Statutes

Article I — Aims

1 The Association is an organisation for the exchange of students at institutions of Higher Education wishing to obtain technical experience abroad relative to their studies in the broadest sense.

2 To promote international understanding and goodwill amongst the students of all nations.

Article II — Headquarters

1 The headquarters of the Association shall be the place of domicile of the General Secretary.

Article III — Language

1 The working language of the Association shall be the English language.

Article IV — Membership

1 The Association is composed of National Committees representing academic, industrial and student interests.

2 Members are of two categories:

full members
associate members.

3 In a country in which there is no National Committee, an institution may be accepted as a Cooperating Institution, not more than one in one country. The status of such an institution shall be reviewed at each General Conference.

4 New applicants for membership will be accepted as associate members under the condition that a National Committee, together with a permanent secretary, will be established by 31st March of the first year of associate membership. *)

5 Application for promotion to full membership can be accepted after a minimum period of three years of associate membership.

6 Any member may withdraw from the Association at a General Conference provided that notice of withdrawal is served upon the General Secretary by the preceding 1st November.

7 Membership will be suspended without notice if a member has neither participated in the student exchange nor fulfilled its financial obligations towards the Association over a period of two years.

8 Membership may be suspended temporarily by the General Secretary, upon recommendation of the Advisory Committee, in case of repeated and inexcusable negligence by a National Committee or Cooperating Institution. The Advisory Committee shall make a recommendation to the next General Conference on the exclusion or continued membership of that member. The suspended member may send an observer to that General Conference.

9 Any National Committee may be excluded from the Association by a threefourths majority of the full members present at a General Conference for any breach of the aims and statutes of the Association.

10 National Committees and Cooperating Institutions are responsible for the organisation of the exchange in their own countries.

*) Applications for membership will be considered every second year at the General Conference provided that formal application for admission as associate or full member has been made to the General Secretary in time for consideration by the Advisory Committee and the members of the Association preceding the Conference. An applicant for associate membership of the Association may, without prejudice and at its own expense, send an observer to the Conference. This observer must have full competence to represent his organisation at the Conference.
Such observer, if his application is accepted, must be prepared to exchange offers with other countries forthwith, as provided for in the statutes.

Article V — Conferences

a) General Conferences

1 The General Conference is composed of one delegate from each member, and normally is convened every second year in the month of January, in connection with an Exchange Conference.

2 The delegates may be accompanied by normally not more than two observers.
The delegate or the observer must be the official responsible in his National Committee for the exchanges made under the auspices of the Association and must possess full powers to represent his National Committee.

3 The General Conference shall possess full powers for the fulfilment of the aims and regulations of the Association as provided for in these statutes.

4 The General Conference shall:
Elect the President and the Chairman of the General Conference.
Approve the Agenda for the Conference.
Receive from the General Secretary his report on the previous two years.
Approve the report on finance and the audited balance sheet.
Decide on all questions related to membership.
Consider and decide or make recommendations to National Committees on matters submitted by the members, the General Secretary or the Advisory Committee.
Decide on the modification of statutes.
Decide on the dissolution of the Association.
Elect the General Secretary.
Elect named members to the Advisory Committee and a reserve member.
Decide on the date and place of the next General Conference and of the next Exchange Conference.

5 The General Conference shall be convened by the General Secretary two months before the date of the Conference at a place decided by the preceding General Conference.

6 The General Conference, which must include delegates of a majority of the full members, takes decisions which must be carried by a two-thirds majority of the full members present and voting, except when the statutes provide otherwise.

7 Only full members of the Association are allowed to vote at the Conference. Voting on all questions may also be certified by proxy. Abstentions count as votes.

8 For the election of the General Secretary and members of the Advisory Committee and the choice of conference place the following rules shall apply:
In case there are more than two candidates, the candidate with the lowest number of votes shall be eliminated after the second and each subsequent even-numbered ballot. If neither of the two remaining candidates obtains a two-thirds majority in the ballot following the eliminations, a simple majority of votes shall suffice for election in the next ballot.

9 Resolutions of the General Conference shall be recordet in the Conference proceedings and be approved by the Conference. The proceedings, as approved, shall be sent to each member within one month after the Conference.

10 Any member may propose items for discussion at the General Conference provided notification is made to the General Secretary by the 1st November preceding the General Conference.

11 No decision can be taken on any subject which is not the Agenda except by a unanimous resolution of full members present.

b) Exchange Conferences

12 Each year an Exchange Conference will be held in the month of January. The Exchange Conference shall be convened by the General Secretary two months in advance at a place decided by the preceding General Conference. The Exchange Conference will be attended by secretaries and assistants of National Committees and Cooperating Institutions for the purpose of exchanging offers and discussing current administrative questions.

Article VI — Advisory Committee

1 The Advisory Committee shall make recommendations on the affairs of the Association for the consideration of the General Conference. Such recommendations must be circulated to all members and when circulated shall form part of the agenda for the General Conference.

2 Any member may call upon the Advisory Committee for advice and may submit items to the General Secretary for consideration by the Committee.

3 The Advisory Committee shall be composed of the General Secretary and three members. These three members shall be elected from different full member countries.

4 Each General Conference shall elect one reserve member to serve, if necessary, as provided above, on the Advisory Committee.

5 The Advisory Committee shall meet at least once each year. The members of the Advisory Committee shall be elected for three years and the reserve for two years.

6 Any member of the Advisory Committee may resign, on giving three months notice to the General Secretary. Any member thus resigning shall be replaced by the reserve immediately.

7 Members of the Advisory Committee will receive travelling and subsistence allowances in accordance with UNESCO scale for such purposes.

Article VII — General Secretary

1 The General Secretary shall be responsible to the General Conference for the daily administration of the affairs of the Association and for all funds and moneys placed to the credit of the Association.

2 The General Secretary shall be elected by each General Conference and may be reelected. The maximum period of continuous service as General Secretary should be 6 years.

3 Competence of the General Secretary:

To carry through the administrative work of the office of the Association.

To issue a bulletin by which all news and information on the activities of IAESTE are brought to the notice of all members.

To prepare the Annual Report of the Association in consultation with the members of the Advisory Committee and with National Committees.

To be responsible for the income and expenditure of the Association and to make a biennial estimate to be submitted to the General Conference.

To convene the meeting of the Advisory Committee.

To prepare conference agenda in consultation with the Advisory Committee and National Committees.

To suspend membership temporarily following the recommendation of the Advisory Committee in the case specified in Article IV.

4 In the event of the incapacity of the General Secretary, the Advisory Committee shall decide what action shall be taken to continue the administration of the Association until the next General Conference.

Article VIII — Subscriptions

1 All members of the Association shall pay an annual subscription depending on the number of students sent abroad the previous year.

2 The amount of the subscription shall be fixed by each General Conference. The subscription is to be paid to the General Secretary before 1st March in each year.

Article IX — Modifications of Statutes

1 A modification of these statutes can only be made by the General Conference. Any proposed alteration must be made in writing to the General Secretary for consultation with the Advisory Committee and National Committees. Such changes require a majority of three-fourths (3/4ths) of the full members of the Association present and voting.

Article X — Dissolution of the Association

1 The dissolution of the Association may only be decided by the General Conference by a majority of 3/4ths of members present and voting.

2 The General Conference will also decide on the use of any funds possibly remaining.

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